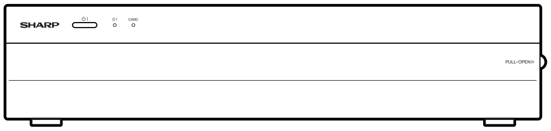
SHARP SERVICE MANUAL

S64V8TU37GD1E



LCD COLOUR TELEVISION
(AVC System)

TU-32GD1E
MODELS TU-37GD1E

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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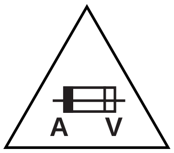
SHARP CORPORATION

IMPORTANT SERVICE SAFETY PRECAUTION

- **Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:**

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.



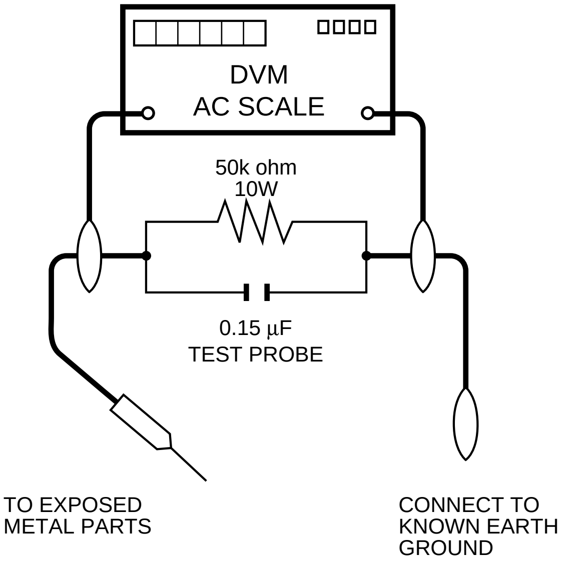
CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE.
F701 (2A, 250V)   F702 (1A, 250V)

BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

Before returning the receiver to the user, perform the following safety checks:

1. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.

- Plug the AC cord directly into a 220~240 volt AC outlet.
- Using two clip leads, connect a 50k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.
- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.
  All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)
  Any reading of 0.75 Vrms (this corresponds to 0.5 mA rms AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD colour television have special safety-related characteristics.
These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.
Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by " ⚠ " and shaded areas in the **Replacement Parts List** and **Schematic Diagrams.**
For continued protection, replacement parts must be identical to those used in the original circuit.
The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

Precautions for using lead-free solder

1 Employing lead-free solder

"PWBs" of this model employs lead-free solder. The LF symbol indicates lead-free solder, and is attached on the PWBs and service manuals. The alphabetical character following LF shows the type of lead-free solder.

Example:

LFa

Sn-Ag-Cu

Indicates lead-free solder of tin, silver and copper.

2 Using lead-free wire solder

When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.
As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40°C, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldering bit, contact our service station or service branch in your area.

3 Soldering

As the melting point of lead-free solder (Sn-Ag-Cu) is about 220°C which is higher than the conventional lead solder by 40°C, and as it has poor solder wettability, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, Since the land may be peeled off or the maximum heat-resistance temperature of parts may be exceeded, remove the bit from the PWB as soon as you confirm the steady soldering condition.
Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to turn on and off the power of the bit as required.
If a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.
When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

Be careful when replacing parts with polarity indication on the PWB silk.

Lead-free wire solder for servicing

Part No,	★	Description	Code
ZHNDAi123250E	J	ϕ0.3mm 250g(1roll)	BL
ZHNDAi126500E	J	ϕ0.6mm 500g(1roll)	BK
ZHNDAi12801KE	J	ϕ1.0mm 1kg(1roll)	BM

Specifications

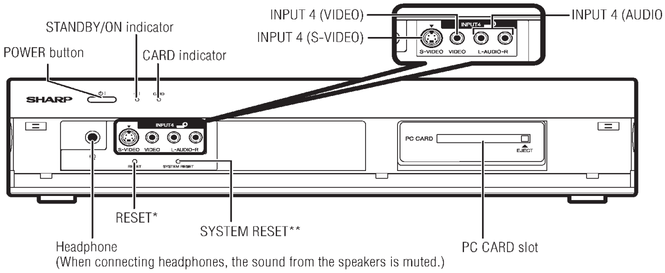
Item				32" LCD COLOUR TV, Model: TU-32GD1E (AVC System)	37" LCD COLOUR TV, Model: TU-37GD1E (AVC System)
Terminals	AVC System	Rear	ANTENNA IN	UHF/VHF 75Ω Din type (Analogue)	
			ANTENNA IN	UHF/VHF 75Ω Din type (Digital)	
			ANTENNA OUT	UHF/VHF 75Ω Din type	
			INPUT 1	SCART (AV input, RGB input, TV output)	
			INPUT 2	SCART (AV input/output, Y/C input, AV Link)	
			INPUT 3	SCART (AV input/output, Y/C input, RGB input), RCA pin (Component input)	
			INPUT 5	Ø 3.5 mm jack (Audio input), DVI-I (DVI-I input)	
			AV OUTPUT	RCA pin (AV output [Audio: Variable/Fixed])	
			DC OUTPUT	DC9V 7W MAX	
			SPEAKER-B	External speaker output terminal (L and R)	
			CENTRE CHANNEL INPUT	RCA pin (Audio input)	
			Digital-AUDIO OUTPUT	Square type optical digital audio connector (S/PDIF)	
			C. I. (Common Interface)	EN50221, R206001	
			RS-232C	D-sub 9pin male connector	
		Front	INPUT 4	S-VIDEO (Y/C input), RCA pin (AV input)	
			Headphones	Ø 3.5mm jack (Audio output)	
			PC Card slot	PC Card Type II (PC Card Adapter)	
OSD language				English/German/French/Italian/Spanish/Dutch/Swedish/Portuguese/Finnish/Turkish	
Power Requirement				AC 220–240V,50 Hz	
Power Consumption				45 W (0.55 W Standby)	
Weight				7.1 kg (w/o stand), 7.3 kg (with stand)	
Accessories				Operation manual, Remote control unit (×1), System cable (×1), AC cord (× 2), "AAA" size battery (× 2), AVC system stand unit (× 1), Cable clamp (× 1), Antenna cable (× 1)	

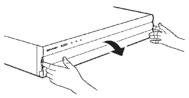
Specifications are subject to change without prior notice.

Part names

AVC System

Front view


STANDBY/ON indicator
POWER button
CARD indicator
INPUT 4 (VIDEO)
INPUT 4 (S-VIDEO)
INPUT 4 (AUDIO L/R)
RESET*
SYSTEM RESET**
Headphone
(When connecting headphones, the sound from the speakers is muted.)
PC CARD slot



How to open the door.

* Press **RESET** if the system cannot return to its original state after performing various operations. This will reset the System as shown below.

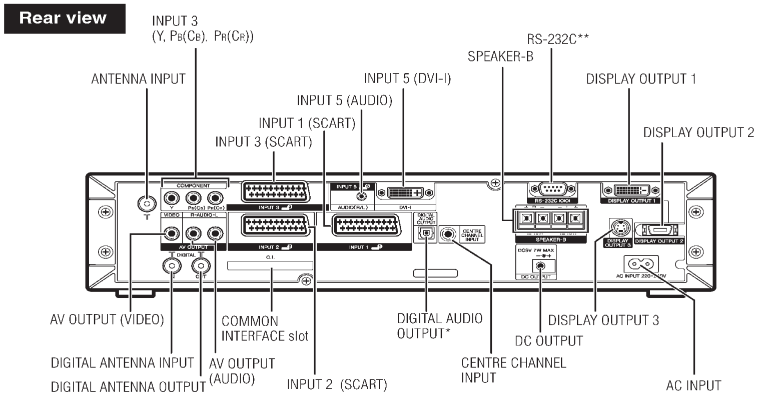
- AV MODE resets to USER.
- Analogue TV channel resets to channel 1.
- Dual screen resets to normal.
- Audio setting initialises.
- Dolby Virtual resets to Off.
- Image position is initialised.
- Still image mode deactivates.
- Teletext mode resets to normal.
- Speaker setting resets to SPEAKER-A.
- Audio Out setting resets to Fixed.
- Centre Channel Input setting resets to Off.
- Audio Only setting resets to Off.

** Press **SYSTEM RESET** if the system does not operate after starting up.

NOTE

- Pressing **RESET** will not work if the System is in standby mode (indicator lights red).
- Pressing **RESET** will not delete channel preset and PIN. See resetting the PIN when you know it. See initialising to the factory preset values when you forget your PIN.

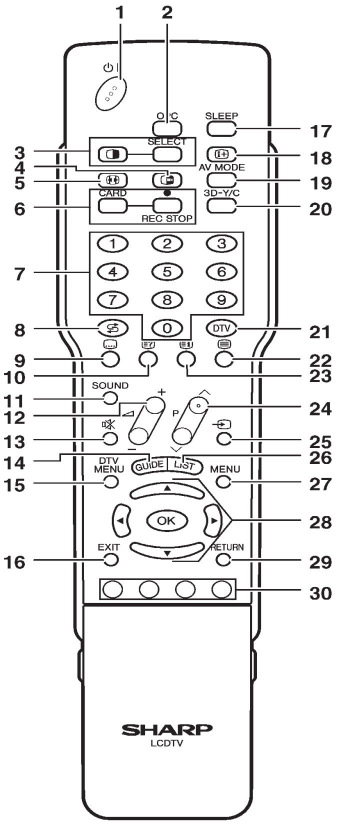
Rear view


INPUT 3
(Y, $P_B(C_B)$, $P_R(C_R)$)
ANTENNA INPUT
INPUT 5 (DVI-I)
INPUT 5 (AUDIO)
INPUT 1 (SCART)
INPUT 3 (SCART)
RS-232C**
SPEAKER-B
DISPLAY OUTPUT 1
DISPLAY OUTPUT 2
AV OUTPUT (VIDEO)
COMMON
INTERFACE slot
DIGITAL ANTENNA INPUT
AV OUTPUT
(AUDIO)
DIGITAL ANTENNA OUTPUT
INPUT 2 (SCART)
DIGITAL AUDIO
OUTPUT*
DISPLAY OUTPUT 3
DC OUTPUT
CENTRE CHANNEL
INPUT
AC INPUT

*Connect a digital audio equipment.
**Provided for command from PC .

Part names

Remote control unit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29
30
O/C
SLEEP
SELECT
AV MODE
CARD
REC STOP
3D-Y/C
DTV
SOUND
P
DTV
MENU
GUIDE
LIST
MENU
OK
EXIT
RETURN
SHARP
LCDTV

NOTE

- When using the remote control unit, point it at the Display.

1 ⏻ | **(STANDBY/ON)**
To switch the power on and off.

2 **OPC**
To switch the Optical Picture Control on and off.

3 ◨ **(DUAL screen)**
Set the dual picture mode. Press ◨ again to return to normal view.
SELECT
To select either screen to be active in Dual screen mode.

4 ▣ **(FREEZE/HOLD)**
TV/External input mode: Change the still image mode.
TELETEXT mode: Freeze a multi-page on screen while other pages are automatically updated. Press ▣ again to return to the normal image.

5 ⊞ **(WIDE MODE)**
TV/External input mode: Change the wide image mode.
TELETEXT mode: Set the area of magnification. (full/upper half/lower half)

6 **CARD**
Switch to the card mode.
Card mode: Press to turn the Card Control Panel on and off.

●/REC STOP
Still image: Press to capture a still image to a card after freezing the image from analogue broadcasts or external equipment.
Motion picture: Press to start/stop recording a motion picture to a card from analogue broadcasts or external equipment.

7 **0 – 9**
TV/DTV/External input mode: Set the channel.
TELETEXT mode: Set the page.

8 **(Flashback)**
Press to return to the previous image in normal viewing mode.

9 **(SUBTITLE for TELETEXT)**
TV/External input mode: To turn the subtitles on and off.

DTV input mode: Display the subtitle selection screen.

10 **(Reveal hidden for TELETEXT)**
TELETEXT mode: Display hidden characters.

11 **SOUND**
Select the sound multiplex mode.

12 ◿ – / ◿ + **(VOLUME)**
Set the volume.

13 🔇 **(MUTE)**
Mute the sound.

14 **GUIDE**
DTV input mode: To Display EPG (Electronic Programme Guide) screen.

15 **DTV MENU**
DTV input mode: Display the digital TV menu screen.

16 **EXIT**
Turn off the On Screen Display.

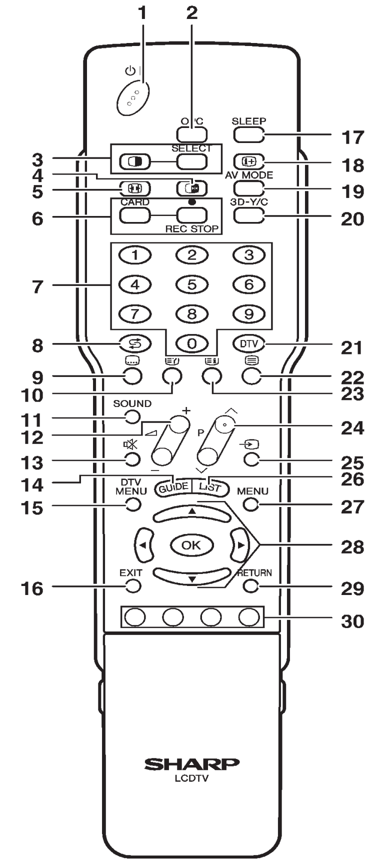
17 **SLEEP**
Set the Sleep timer.

18 ⊞ **(DISPLAY INFORMATION)**
Display the programme information.

19 **AV MODE**
Select a video setting: AV MODE (STANDARD, MOVIE, GAME, USER, DYNAMIC), PC MODE (STANDARD, USER)

20 **3D–Y/C**
To switch the 3D Y/C function on and off.

Part names



21 **DTV**
Switch from the Digital-TV mode and other input source.
For example, when viewing an image from INPUT2, press DTV to switch to the Digital-TV mode. Press DTV again to return to INPUT2 screen.

22 ▤ **(TELETEXT)**
Select the TELETEXT mode. (all TV image, DTV/DATA image, all TEXT image, TV/TEXT image)
DTV input mode: Select DTV data broadcasting and TELETEXT.

23 ▤ **(TOP Overview for TELETEXT)**
TELETEXT mode: Display an index page for CEEFAX/FLOF information. TOP Overview for TOP programme.

24 **P∧/P∨**
TV/DTV input mode: Select the channel.
External input mode: Switch to either TV or DTV input mode.
TELETEXT mode: Select the page.

25 ⇥ **(INPUT SOURCE)**
Select an input source. (TV, DTV, INPUT 1, INPUT 2, INPUT 3, INPUT 4, INPUT 5, CARD)

26 **LIST**
DTV input mode: Display the favourite digital programme list.

27 **MENU**
Display the menu screen.

28 **▲/▼/◀/▶ (Cursor)**
Select a desired item on the setting screen.
Select the programme information area when EPG is displayed.

OK
Execute a command.

29 **RETURN**
MENU mode: Return to the previous menu screen.

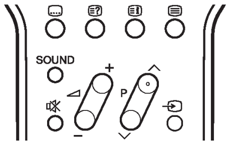
30 **Colour (RED/GREEN/YELLOW/BLUE)**
TELETEXT mode: Select a page.
DTV input mode: The coloured buttons are used to select correspondingly to the coloured items in the menu screen.

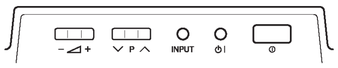
Using external equipment

You can connect many types of external equipment to your System, like a decoder, VCR, DVD player, PC, game console and camcorder. To view external source images, select the input source from ⇥ on the remote control unit or **INPUT** on the Display.

Displaying an external equipment image

Explanation here is for the setting when connecting DVD to INPUT3 terminal.





CAUTION

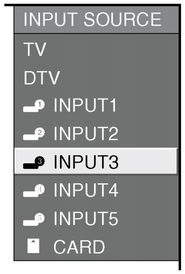
- To protect all equipment, always turn off the AVC System before connecting to a decoder, VCR, DVD player, PC, game console, camcorder or other external equipment.

NOTE

- See external equipment connection.
- Please refer to the relevant operation manual (DVD player, PC, etc.) carefully before making connections.
- Each time ⇥ is pressed, the input source toggles.
- If the image does not come in clearly, you may need to change the input signal type setting on the "Input Select" menu.
- Refer to your external equipment operation manual for the signal type.

Displaying a DVD image (Example)

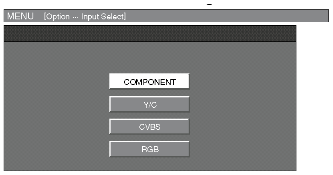
1 To watch a DVD image, select "INPUT3" from "INPUT SOURCE" menu using ⇥ on the remote control unit or **INPUT** on the Display.



INPUT SOURCE
TV
DTV
INPUT1
INPUT2
INPUT3
INPUT4
INPUT5
CARD

2 Select the desired signal type on "Input Select" in the "Option" menu.

For INPUT3 signal



MENU [Option ··· Input Select]
COMPONENT
Y/C
CVBS
RGB

The setting is stored and can be selected on the "INPUT SOURCE" menu.

Using external equipment

Connecting a decoder

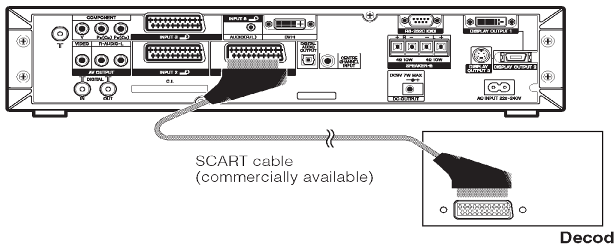
You can use the INPUT 1 terminal when connecting a decoder and other audiovisual equipment.

NOTE

- In cases when the decoder needs to receive signal from the System, make sure to set “Decoder” to “INPUT1” in the Programme Setup “Manual” menu.

To watch an image from this input terminal, you need to select the input source and the input signal type.

AVC System (rear view)



Connecting a VCR

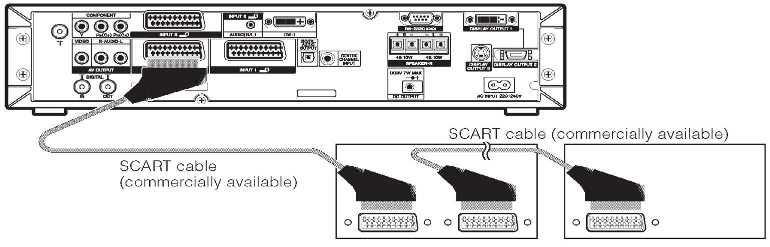
You can use the INPUT 2 terminal when connecting a VCR and other audiovisual equipment. If your VCR supports TV-VCR advanced “AV Link” systems you can connect the VCR to the INPUT 2 terminal on the AVC System using the fully-wired SCART cable.

NOTE

- TV-VCR advanced “AV Link” systems may not compatible with some external sources.
- It is recommended to connect to the INPUT 2 terminal when using a decoder for ground wave signal input with a VCR. If INPUT 2 signals preset in auto installation or programme setup, make sure to set “Decoder” to “INPUT2” in the Programme Setup “Manual” menu.

To watch an image from this input terminal, you need to select the input source and the input signal type .

AVC System (rear view)



Using external equipment

Using AV Link function

This System incorporates four typical AV Link functions for smooth connections between AVC System and other audiovisual equipment.

NOTE

- Only works when the audiovisual equipment is connected to the INPUT 2 terminal on the AVC System with AV Link via a fully wired SCART.

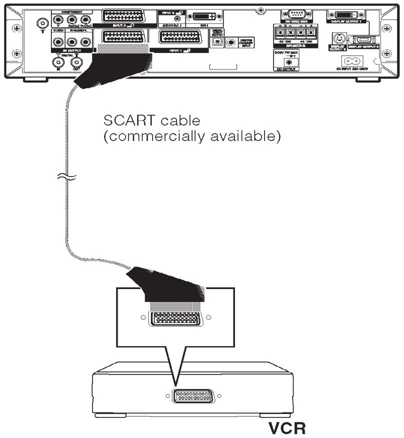
One Touch Play
While the System is in standby mode, it automatically turns on and plays back the image from the audiovisual source (e.g. VCR, DVD).

System Standby
When the connected audiovisual equipment (e.g. VCR, DVD) enters standby mode, so does the System.

WYSIWYR (What You See Is What You Record)
When the remote control unit of the connected VCR has the WYSIWYR button, you can automatically start recording by pressing the WYSIWYR button.

Preset Download
Automatically transfers the channel preset information from the tuner on the System to the one on the connected audiovisual equipment (e.g. VCR) via the INPUT 2 terminal.

AVC System (rear view)



NOTE

- Refer to operation manuals of each external equipment for the details.

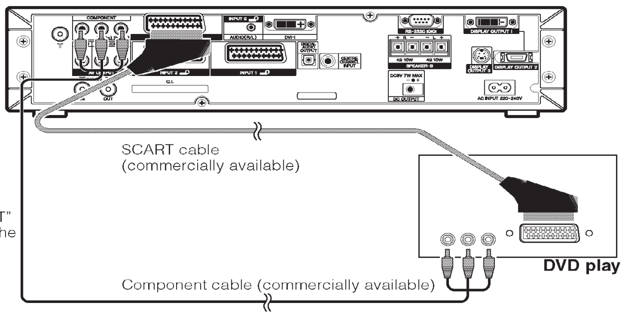
Using external equipment

Connecting a DVD player

You can use the INPUT 3 terminal when connecting to a DVD player and other audiovisual equipment.

To watch an image from this input terminal, you need to select the input source and the input signal type.

AVC System (rear view)


SCART cable
(commercially available)
DVD player
Component cable (commercially available)

When using component cable, select "COMPONENT" for "Input Select" in the menu.

Connecting a game console or camcorder

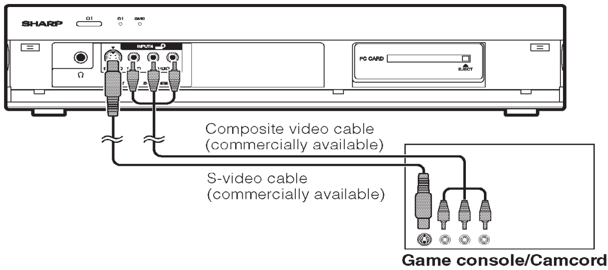
A game console, camcorder and some other audiovisual equipment are conveniently connected using the INPUT 4 terminals.

NOTE

- The S-video terminal has priority over the video terminals.
- You can also connect the game console to INPUT 1 or 3 terminals to enjoy clearer picture.

To watch an image from this input terminal, you need to select the input source and the input signal type.

AVC System (front view)


Composite video cable
(commercially available)
S-video cable
(commercially available)
Game console/Camcorder

Using external equipment

Connecting a PC

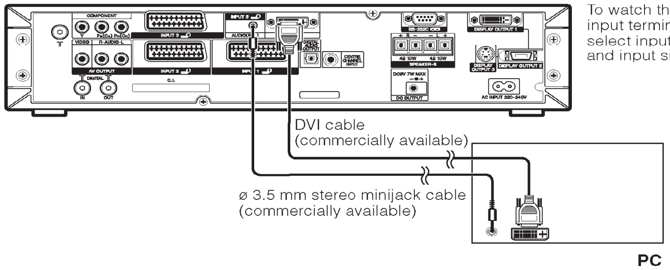
Use the INPUT5 terminals to connect a PC.

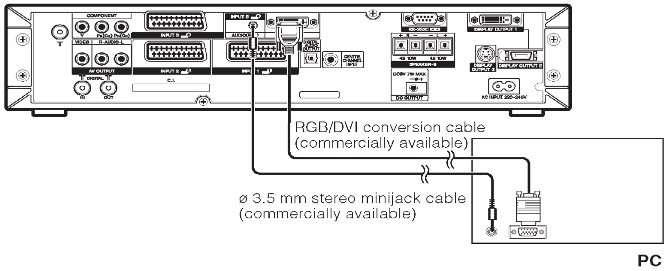
NOTE

- The PC input terminals are DDC1/2B-compatible.
- for a list of PC signals compatible with the System.

AVC System (rear view)

To watch the image from this input terminal, you need to select input source and input signal type


DVI cable
(commercially available)
ø 3.5 mm stereo minijack cable
(commercially available)
PC

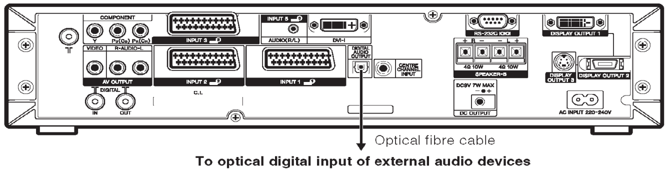

RGB/DVI conversion cable
(commercially available)
ø 3.5 mm stereo minijack cable
(commercially available)
PC

NOTE

- Macintosh adaptor may be required for use for some Macintosh computers.
- When connecting to a PC, the correct input signal type is automatically detected. If the PC image does not come in clearly, you may need to set the Auto Sync. adjustment in the "Setup" menu.

Using Digital Audio Output

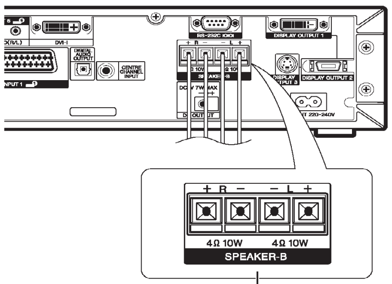
It is possible to output audio through the DIGITAL AUDIO OUTPUT terminal.
PCM audio outputs from the terminal.


Optical fibre cable
To optical digital input of external audio devices

Speaker Setup

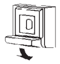
Connecting external speakers

Rear view

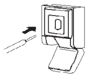


How to connect the speaker cable

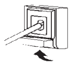
① Push down the tab.



② Insert the end of the cable.



③ Lift the tab back up.



When using external speakers
- Change the speaker setting to "SPEAKER-B".

Make sure to connect the speaker terminal and cable polarity (+ , –) properly
- The speaker terminal has plus (+) and minus (–) polarity.
- Plus is red and minus is black.
- The cables are also divided into plus and minus.
- When connecting the left/right speakers, be sure to connect the plus/minus terminals with the correct cables.

NOTE
- Unplug the AC cord from the AC outlet before installing the speakers.

CAUTION
- Make sure external speakers have 4 ohm and 10 watt specifications.
- Connect the plus/minus terminals with the correct cables. Incorrect connection may cause a short.

Selecting speakers

You can output audio using the supplied speakers or other external speakers.

1. Press **MENU** and the MENU screen displays.
2. Press ◀/▶ to select "Setup".
3. Press ▲/▼ to select "Speaker Setup", and then press **OK**.
4. Press ▲/▼ to select "Speaker", and then press **OK**.
5. Press ◀/▶ to select "SPEAKER-A" or "SPEAKER-B", and then press **OK**.

Selected item	Description
SPEAKER-A	Speaker connected to the Display.
SPEAKER-B	Speaker connected to the AVC System.

External Audio Bypass

External Audio Bypass automatically optimises the audio quality to suit internal (supplied) speakers.

1. Repeat steps 1 to 3 in **Selecting speakers** above.
2. Press ▲/▼ to select "External Audio Bypass", and then press **OK**.
3. Press ◀/▶ to select "Yes" or "No", and then press **OK**.

Selected item	Description
No	Sets the optimum audio for the internal (supplied) speakers.
Yes	When you are using your own speakers, output the original sound without using External Audio Bypass.

NOTE
- External Audio Bypass is greyed out when Dolby Virtual is set to "On".
- External Audio Bypass is greyed out when Centre Channel Input is set to "On".
- When using external speakers (SPEAKER-B), make sure to set "External Audio Bypass" to "Yes".
- When Dolby Virtual is on, External Audio Bypass automatically sets to "Yes".

PC compatibility chart

PC/MAC	Resolution		Horizontal Frequency	Vertical Frequency	VESA Standard
PC	VGA	640 x 400	31.5 kHz	60 Hz	
			37.9 kHz	85 Hz	O
		720 x 400	31.5 kHz	60 Hz	
			37.9 kHz	85 Hz	O
		640 x 480	31.5 kHz	60 Hz	O
			37.9 kHz	72 Hz	O
			37.5 kHz	75 Hz	O
			43.3 kHz	85 Hz	O
	WVGA	848 x 480	31.5 kHz	60 Hz	
	SVGA	800 x 600	35.1 kHz	56 Hz	O
			37.9 kHz	60 Hz	O
			48.1 kHz	72 Hz	O
			46.9 kHz	75 Hz	O
			53.7 kHz	85 Hz	O
	XGA	1024 x 768	48.4 kHz	60 Hz	O
			56.5 kHz	70 Hz	O
			60.0 kHz	75 Hz	O
			68.7 kHz	85 Hz	O
	WXGA	1280 x 720	45.0 kHz	60 Hz	
		1280 x 768	48.1 kHz	60 Hz	
		1366 x 768	48.4 kHz	60 Hz	
	SXGA	1280 x 1024	64.0 kHz	60 Hz	O
MAC13"	VGA	640 x 480	34.9 kHz	67 Hz	
MAC16"	SVGA	832 x 624	49.7 kHz	75 Hz	
MAC19"	XGA	1024 x 768	60.2 kHz	75 Hz	

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DDC is a registered trademark of Video Electronics Standards Association.
Power Management is a registered trademark of Sun Microsystems, Inc.
VGA and XGA are registered trademarks of International Business Machines Co., Inc.

RS-232C port specifications

PC Control of the System

- When a program is set, the display can be controlled from the PC using the RS-232C terminal.
  The input signal (PC/video) can be selected, the volume can be adjusted and various other adjustments and settings can be made, enabling automatic programmed playing.

- Attach an RS-232C cable cross-type (commercially available) to the supplied Din/D-sub RS-232C for the connections.

NOTE

- This operation system should be used by a person who is accustomed to using PCs.

Communication conditions

Set the RS-232C communications settings on the PC to match the display's communications conditions. The display's communications settings are as follows:

Baud rate:	9,600 bps
Data length:	8 bits
Parity bit:	None
Stop bit:	1 bit
Flow control:	None

Communication procedure

Send the control commands from the PC via the RS-232C connector.
The Display operates according to the received command and sends a response message to the PC.
Do not send multiple commands at the same time. Wait until the PC receives the OK response before sending the next command.

Command format

Eight ASCII codes + CR

C1	C2	C3	C4	P1	P2	P3	P4	↵

Command 4-digits   Parameter 4-digits   Return code

Command 4-digits: Command. The text of four characters.
Parameter 4-digits: Parameter 0 – 9, x, blank, ?

Parameter

Input the parameter values, aligning left, and fill with blank(s) for the remainder. (Be sure that four values are input for the parameter.)
When the input parameter is not within an adjustable range, "ERR" returns. (Refer to "Response code format".)
No problem to input any numerical value for "x" on the table.

0			
0	0	0	9
–	3	0	
1	0	0	
0	0	5	5

When "?" is input for some commands, the present setting value responds.

?			
?	?	?	?

Response code format

Normal response

O	K	↵

Return code (0DH)

Problem response (communication error or incorrect command)

E	R	R	↵

Return code (0DH)

Commands

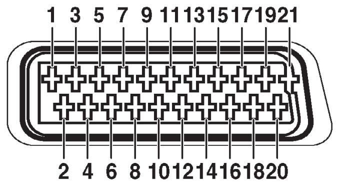
CONTROL ITEM	COMMAND				PARAMETER				CONTROL CONTENTS
POWER SETTING	P	O	W	R	0	_	_	_	POWER OFF (STANDBY)
INPUT SELECTION A	I	T	G	D	x				INPUT SWITCHING (TOGGLE)
	I	T	V	D	x	_	_	_	TV (CHANNEL FIXED)
	I	D	T	V	x	_	_	_	DTV (CHANNEL FIXED)
	I	A	V	D	*	_	_	_	INPUT 1 – 5 (1 – 5)
	I	C	R	D	x				CARD
CHANNEL	D	C	C	H	*	*	_	_	TV DIRECT CHANNEL (1 – 99)
	C	H	U	P	x				CHANNEL UP
	C	H	D	W	x				CHANNEL DOWN
	D	T	V	D	*	*	*	_	DTV DIRECT CHANNEL (1 – 999)
	D	T	U	P	x				DTV CHANNEL UP
	D	T	D	W	x				DTV CHANNEL DOWN
INPUT SELECTION B	I	N	P	1	0	_	_	_	INPUT1 (CVBS)
	I	N	P	1	1	_	_	_	INPUT1 (RGB)
	I	N	P	2	0	_	_	_	INPUT2 (CVBS)
	I	N	P	2	1	_	_	_	INPUT2 (Y/C)
	I	N	P	3	0	_	_	_	INPUT3 (CVBS)
	I	N	P	3	1	_	_	_	INPUT3 (Y/C)
	I	N	P	3	2	_	_	_	INPUT3 (RGB)
	I	N	P	3	3	_	_	_	INPUT3 (COMPONENT)
	I	N	P	4	0	_	_	_	INPUT4 (AUTO)
	I	N	P	4	1	_	_	_	INPUT4 (S-VIDEO)
	I	N	P	4	2	_	_	_	INPUT4 (VIDEO)
	I	N	P	5	0	_	_	_	Digital PC
	I	N	P	5	1	_	_	_	Analogue PC
	I	N	P	5	2	_	_	_	Digital AV
	I	N	P	5	3	_	_	_	Analogue AV
AV MODE SELECTION	A	V	M	D	0	_	_	_	TOGGLE
	A	V	M	D	1	_	_	_	STANDARD
	A	V	M	D	2	_	_	_	MOVIE
	A	V	M	D	3	_	_	_	GAME
	A	V	M	D	4				USER
	A	V	M	D	5				DYNAMIC
VOLUME	V	O	L	M	*	*			VOLUME (0 – 60)
POSITION	H	P	O	S	*	*	*	_	H-POSITION (AV) (– 10 – + 10)
	H	P	O	S	*	*	*	_	H-POSITION (PC) (0 – 180)
	V	P	O	S	*	*	*	_	V-POSITION (AV) (– 20 – + 20)
	V	P	O	S	*	*	*	_	V-POSITION (PC) (0 – 100)
	C	L	C	K	*	*	*	_	CLOCK (0 – 180)
	P	H	S	E	*	*	*	_	PHASE (0 – 40)
WIDE MODE	W	I	D	E	0	_	_	_	TOGGLE (AV)
	W	I	D	E	1	_	_	_	NORMAL (AV)
	W	I	D	E	2				ZOOM 14:9 (AV)
	W	I	D	E	3	_	_	_	PANORAMA (AV)
	W	I	D	E	4	_	_	_	FULL (AV)
	W	I	D	E	5	_	_	_	CINEMA 16:9 (AV)
	W	I	D	E	6	_	_	_	CINEMA 14:9 (AV)
	W	I	D	E	7	_	_	_	NORMAL (PC)
	W	I	D	E	8	_	_	_	CINEMA (PC)
	W	I	D	E	9	_	_	_	FULL (PC)
	W	I	D	E	1	0	_	_	DOT BY DOT (PC)
MUTE	M	U	T	E	0	_	_	_	TOGGLE
	M	U	T	E	1	_	_	_	MUTE
	M	U	T	E	2	_	_	_	MUTE OFF
DOLBY VIRTUAL	A	C	D	V	0	_	_	_	TOGGLE
	A	C	D	V	1	_	_	_	ON
	A	C	D	V	2	_	_	_	OFF
DUAL SCREEN	T	W	I	N	0	_	_	_	DUAL SCREEN OFF
	T	W	I	N	1	_	_	_	DUAL SCREEN ON
AUDIO CHANGE	A	C	H	A	x				TOGGLE
SLEEP TIMER	O	F	T	M	0	_	_	_	OFF
	O	F	T	M	1	_	_	_	SLEEP TIMER 30 MIN
	O	F	T	M	2	_	_	_	SLEEP TIMER 1 HOUR
	O	F	T	M	3	_	_	_	SLEEP TIMER 1 HOUR 30 MIN
	O	F	T	M	4	_	_	_	SLEEP TIMER 2 HOUR
TEXT	T	E	X	T	0				TEXT OFF
	T	E	X	T	1				TEXT ON (TOGGLE)
	D	C	P	G	*	*	*		DIRECT PAGE JUMP (100 – 899)

NOTE

- If an underbar (_) appears in the parameter column, enter a space.
- If an asterisk (*) appears, enter a value in the range indicated in brackets under CONTROL CONTENTS.

Connecting pin assignments for SCART

Various audio and video devices may be connected via the SCART terminals.



SCART (INPUT 1)

1. Audio right output (TV Monitor out)
2. Audio right input
3. Audio left output (TV Monitor out)
4. Common earth for audio
5. Earth for blue
6. Audio left input
7. Blue input
8. Audio-video control
9. Earth for green
10. Not used
11. Green input
12. Not used
13. Earth for red
14. Not used
15. Red input
16. Red/Green/Blue control
17. Earth for video
18. Earth for Red/Green/Blue control
19. Video output (TV Monitor out)
20. Video input
21. Plug shield

SCART (INPUT 2)

1. Audio right output
2. Audio right input
3. Audio left output
4. Common earth for audio
5. Earth
6. Audio left input
7. Not used
8. Audio-video control
9. Earth
10. AV LINK control
11. Not used
12. Not used
13. Earth
14. Not used
15. Chroma S-Video input
16. Not used
17. Earth for video
18. Earth
19. TV Monitor output
20. Video input/S-video input
21. Plug shield

SCART (INPUT 3)

1. Audio right output
2. Audio right input
3. Audio left output
4. Common earth for audio
5. Earth
6. Audio left input
7. Blue input
8. Audio-video control
9. Earth
10. Not used
11. Green input
12. Not used
13. Earth
14. Not used
15. Red input/Chroma S-Video input
16. Red/Green/Blue control
17. Earth for video
18. Earth
19. TV Monitor output
20. Video input/S-video input
21. Plug shield

TV/AV input mode menu items

List of AV menu items to help you with operations

Picture

OPC
Backlight
Contrast
Brightness
Colour
Tint
Sharpness
Advanced
  C.M.S.
  Colour Temp
  Black
  3D-Y/C
  Monochrome
  Film Mode
  I/P Setting

Audio

Treble
Bass
Balance
Dolby Virtual

Power Control

No Signal Off
No Operation Off

Setup

Auto Installation
Programme Setup
Child Lock
Input Label
Speaker Setup
Position
4:3 Mode
WSS
Rotate
Language

Option

Audio Only
DNR
Input Select
Audio Out
Quick Shoot
Colour System
Centre Channel Input
Standby Recording

PC input mode menu items

List of PC menu items to help you with operations

Picture

OPC
Backlight
Contrast
Brightness
Red
Green
Blue
Advanced
  C.M.S.

Audio

Treble
Bass
Balance
Dolby Virtual

Power Control

Power Management

Setup

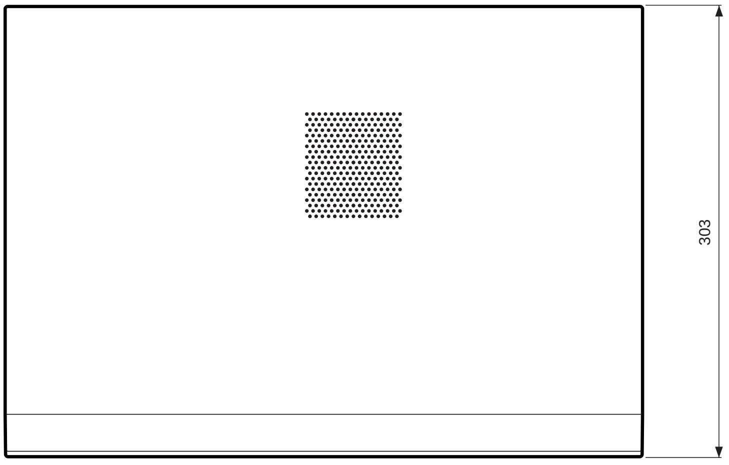
Input Label
Speaker Setup
Input Signal
Auto Sync
Fine Sync
Rotate
Language

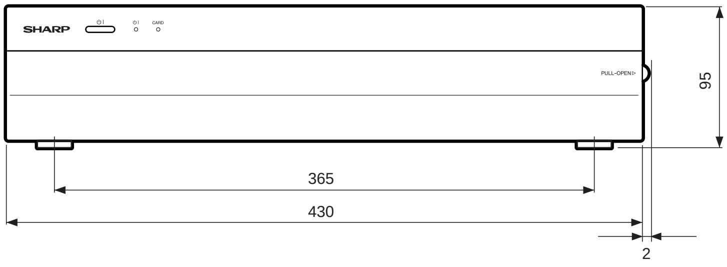
Option

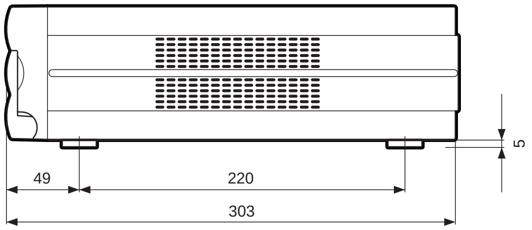
Audio Only
Input Select
Audio Out
Quick Shoot
Centre Channel Input
Standby Recording

Dimensions

Unit: mm

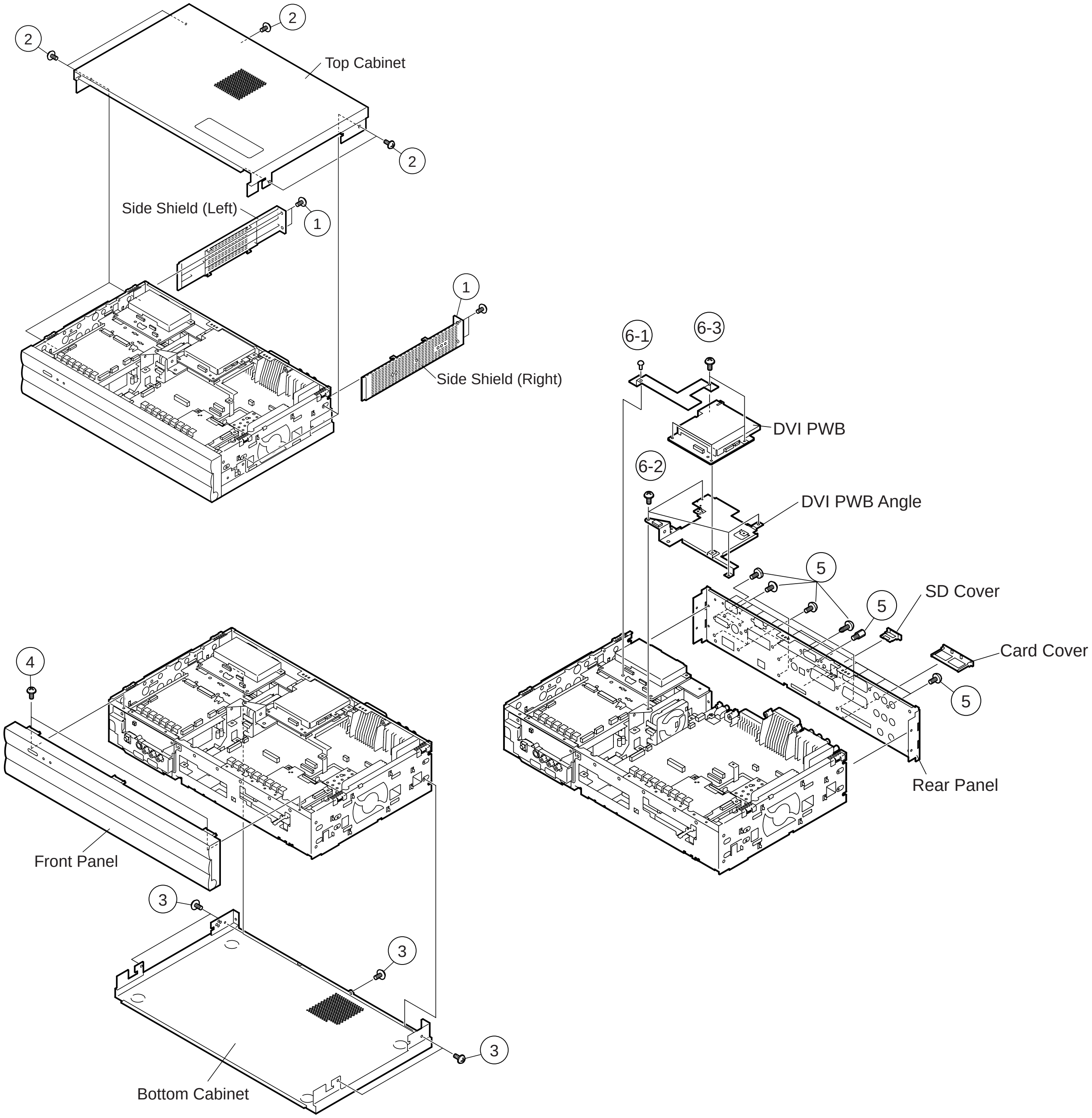



SHARP
CARD
PULL-OPEN
95
365
430
2

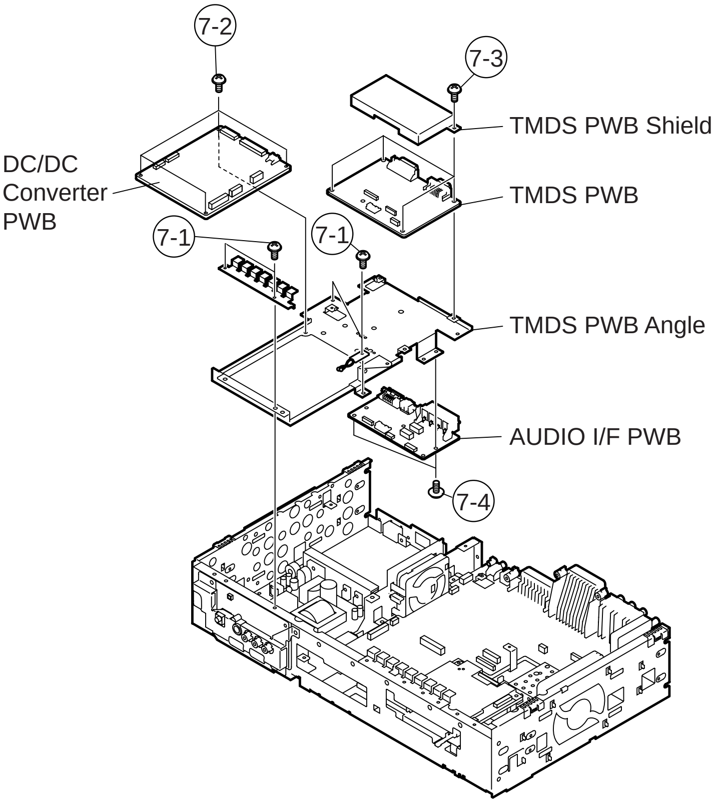


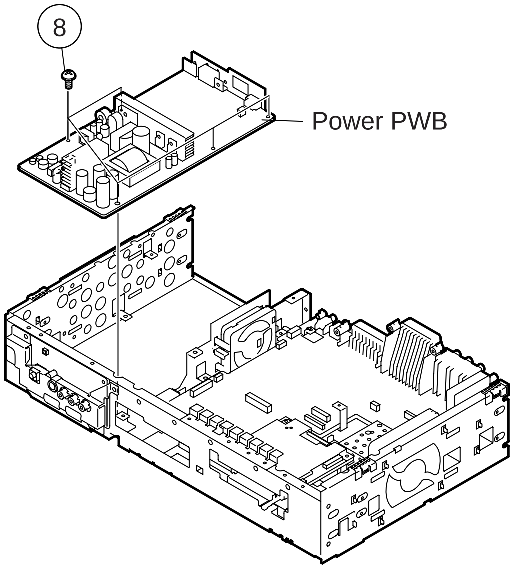
REMOVING OF MAJOR PARTS

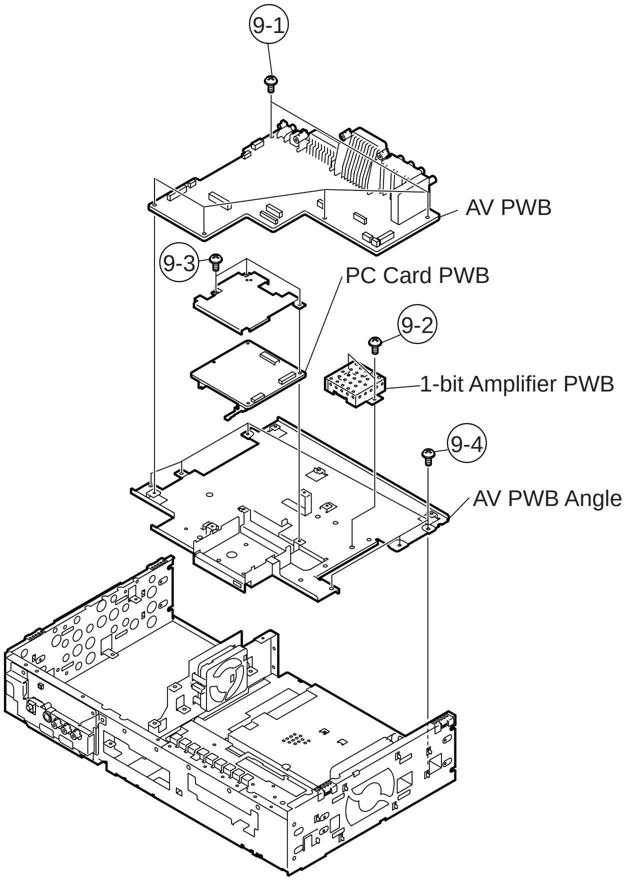
1. Remove the two lock screws from each of the right and left Side Shield, and detach the Side Shield by sliding them backward.
2. Remove the five lock screws from the Top Cabinet, and detach the cabinet by sliding it backward.
3. Remove the five lock screws from the Bottom Cabinet, and detach the cabinet by sliding it backward.
4. Remove the tow lock screws from the Front Panel, and detach the panel.
5. Remove the lock screws and six hexagon shaft screws from the Rear Panel, and detach the Rear Panel.
6. Remove the DVI PWB.
    6-1. Remove the revit.
    6-2. Remove the four lock screws from the DVI PWB Angle.
    6-3. Remove the four lock screws from the DVI PWB.


2
2
Top Cabinet
2
Side Shield (Left)
1
1
Side Shield (Right)
6-1
6-3
DVI PWB
6-2
DVI PWB Angle
5
5
SD Cover
Card Cover
5
Rear Panel
4
Front Panel
3
3
3
Bottom Cabinet

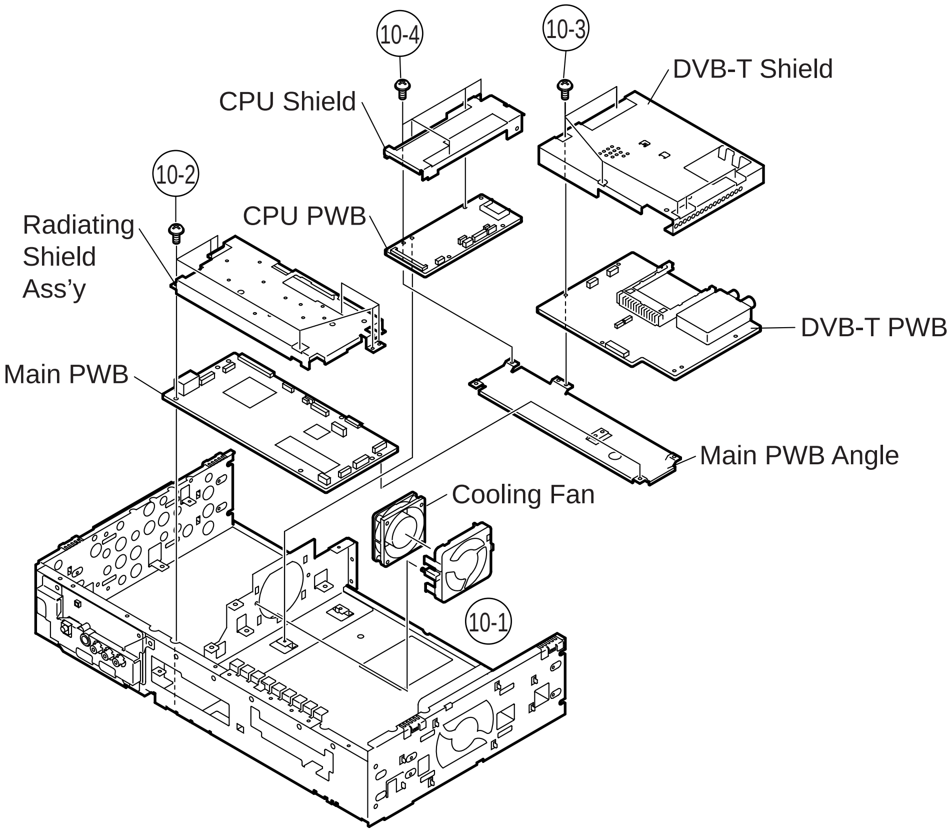
7. Remove the DC/DC Converter PWB, TMDS PWB and AUDIO I/F PWB.
   - 7-1. Remove the four lock screws from the TMDS PWB angle.
   - 7-2. Remove the four lock screws from the DC/DC Converter PWB.
   - 7-3. Remove the four lock screws from the TMDS PWB.
   - 7-4. Remove the two lock screws from the AUDIO I/F PWB.
8. Remove the five lock screws from the Power PWB.
9. Remove the AV PWB, PC Card PWB and 1-bit AMP PWB.
   - 9-1. Remove the five lock screws from the AV PWB.
   - 9-2. Remove the two lock screws from the 1-bit AMP PWB.
   - 9-3. Remove the three lock screws from PC Card PWB.
   - 9-4. Remove the six lock screws from AV PWB Angle.

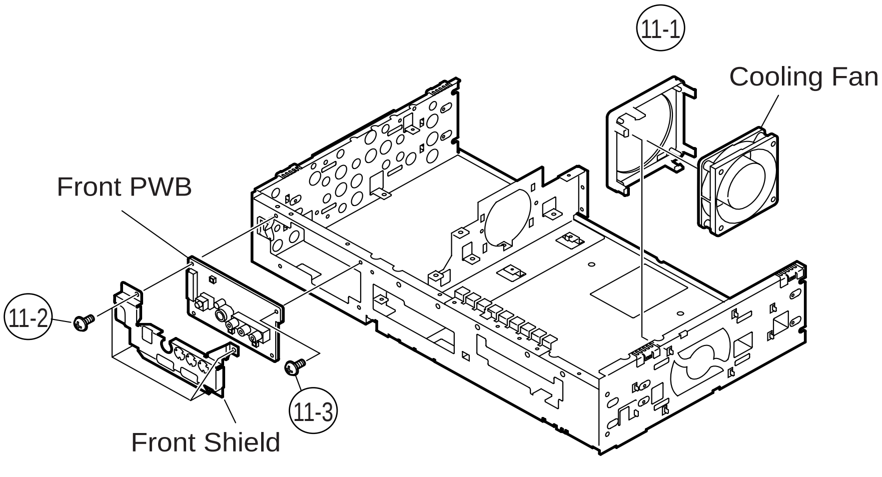

7-2
7-3
TMDS PWB Shield
DC/DC
Converter
PWB
TMDS PWB
7-1
7-1
TMDS PWB Angle
AUDIO I/F PWB
7-4




9-1
AV PWB
9-3
PC Card PWB
9-2
1-bit Amplifier PWB
9-4
AV PWB Angle

10. Remove the cooling fan (large), MAIN PWB and CPU PWB.
    10-1. Detach the Cooling Fan (large).
    10-2. Remove the seven lock screws from the Main PWB.
    10-3. Remove the six lock screws from the DVB-T PWB.
    10-4. Remove the five lock screws from the CPU PWB.
11. Remove the Cooling Fan (small) and Front PWB.
    11-1. Detach the Cooling Fan (small).
    11-2. Remove the four lock screws from the Front Shield.
    11-3. Remove the one lock screw from the Front PWB.


10-4
10-3
DVB-T Shield
CPU Shield
10-2
Radiating Shield Ass'y
CPU PWB
DVB-T PWB
Main PWB
Main PWB Angle
Cooling Fan
10-1


11-1
Cooling Fan
Front PWB
11-2
11-3
Front Shield

ADJUSTMENT PROCEDURE

The adjustment values are set to the optimum conditions at the factory before shipping. If a value should become improper or an adjustment is required due to part replacement, make an adjustment according to the following procedure.

1. After replacement of any PWB unit and/or IC for repair, please note the following.

1) When replacing the digital unit (CPU,DVB-T) and E2PROM (IC2102), prepare the following units loaded with updated software. After replacement of the FLASH-MEMORY (IC8302, IC8803, IC8806), it is necessary to replace the following service parts and update the software.

Applicable unit: DUNTKC481FE01 (MAIN-UNIT)(TU-32GD1E)
DUNTKC481FE02 (MAIN-UNIT)(TU-32GD1K)
DUNTKC481FE03 (MAIN-UNIT)(TU-32GD1F)
DUNTKC481FE04 (MAIN-UNIT)(TU-32GD1I)
DUNTKC481FE05 (MAIN-UNIT)(TU-37GD1E)
DUNTKC481FE06 (MAIN-UNIT)(TU-37GD1K)
DUNTKC481FE07 (MAIN-UNIT)(TU-37GD1F)
DUNTKC481FE08 (MAIN-UNIT)(TU-37GD1I)
Applicable unit: DUNTKC427FE11 (CPU-UNIT)(TU-32GD1E)
DUNTKC427FE14 (CPU-UNIT)(TU-37GD1E)
Applicable unit: DUNTKC482FE01 (DVB-T-UNIT)

Flash-Memory service correspondence article: RH-IXB048WJZZQ(IC8302)

Important

After replacement of PWB or adjustment of each item, set "KEY WRITE" to "ON" which is shown in the process adjustment mode (Page 2/16). Then press "OK" and reboot the system.

2.Entering the process adjustment mode

Caution: Use due care in handling the information described here lest your users should know how to enter the process adjustment mode. If the settings are tampered in this mode, unrecoverable system damage may result.

1) Before entering the process adjustment mode, press the RESET key on the front panel, or select "RESET" in "PICTURE" on the menu and press the OK key to start.
2) Enter the standby mode using the remote controller or the STAND BY/ON button on the Display (⏻I). (Both the power LED of the Display and that of the AVC system light up in red.)
3) Press "MAIN-POWER" switch (Ⓘ)of the Display and shut off the power.
4) While simultaneously pressing the "◿(–)" key and "INPUT" key of the Display, press "MAIN-POWER" switch (Ⓘ)of the Display and turn on the power.
(Keep pressing the "◿(–)" and "INPUT" keys until the specific display appears on the screen.)
Make sure that a K mark is displayed in the top left of the screen.
5) Next, Simultaneously press the "◿(–)" key and the "P(∨)" key of the monitor.
Several blue text lines appearing on the screen indicate the successful entry into the process adjustment mode.
If you have failed (only the ordinary startup display appeared), try this step again.

6) To exit the process adjustment mode after the adjustment is done, unplug the AC power cable from the outlet to make a forced shutdown.
(When the power was turned off with the remote controller, once unplug the power cable and plug it again. In this case, wait 10 seconds or so before plugging.)

3. Remote controller key operation and description of display in process adjustment mode

1) Key operation

Operation	R/C KEY	MAIN UNIT KEY
Back to the previous page	Cursor (▲)	–
Move to the next page	Cursor (▼)	–
Back to the previous item	P (∧)	P (∧)
Move to the next item	P (∨)	P (∨)
Increase the setting by 1	⊿ (+)	⊿ (+)
Decrease the setting by 1	⊿ (-)	⊿ (-)
Increase the setting by 10	Cursor (▶)	–
Decrease the setting by 10	Cursor (◀)	–
Execute the function	OK	

4. Adjustment procedure

1) Analog adjustment

Before starting the adjustment, make sure that the signal source setting is proper for the LCD Europe.

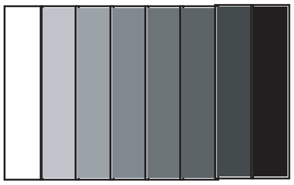
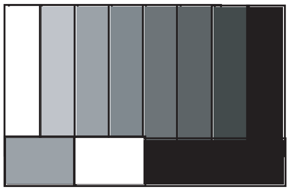
■ Signal generator level adjustment check (Adjustment to the specified level)

- Composite signal: 0.714Vp-p ±0.02Vp-p (from Pedestal level to white)
- 15K component signal: Y level: 0.714Vp-p ± 0.02Vp-p (from Pedestal level to white)
  PB, PR level: 0.7Vp-p ± 0.02Vp-p
- DVI-I (analog RGB) signal: RGB level: 0.714Vp-p ± 0.02Vp-p (Pedestal level to white)

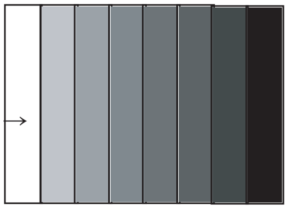
(1) AVC system chassis pre-adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Adjustment process mode		See "Entering the process adjustment mode" on the previous page.

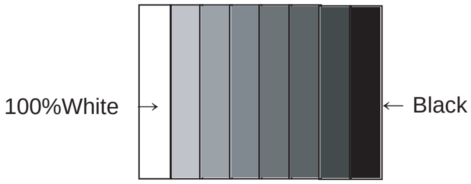
(2) PAL signal and tuner adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting	[Signal] PAL Full Field Colour Bar (INPUT4) PAL colour bar (Tuner) [Terminal] INPUT 4 Video input TUNER	• Feed the PAL Full Field colour bar signal (75% colour saturation) to INPUT 4. • Feed the PAL colour bar signal to TUNER. • The PAL colour bar pattern should have the synchronization level of 7:3 with the picture. [Input signal setting]  ↑ 100%White [PAL colour bar]  ↑ 100%White
2	Auto adjustment performance	Process adjustment mode page 3	Bring the cursor on [■PAL ALL Adjust] and press [OK]. [■PAL ALL Adjust Finish] appears when finished.

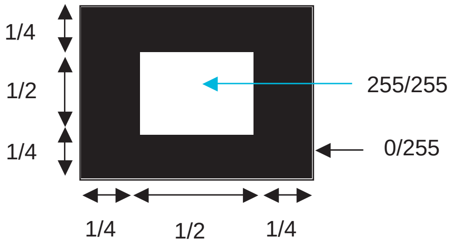
(3) PAL 2D-YC signal adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting	[Signal] PAL Full Field Colour Bar [Terminal] INPUT 4 Video input	• Feed the PAL Full Field colour bar signal (75% colour saturation) to INPUT 4. 
2	Auto adjustment performance	Process adjustment mode page 5	Bring the cursor on [■PAL 2D MAIN ADJ] and press [OK]. [■PAL 2D MAIN ADJ Finish] appears when finished.

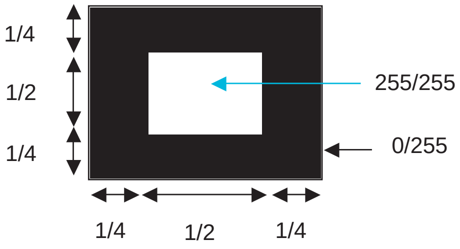
(4) Component 15K signal adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting	[Signal] COMP 15K 60Hz 100% Full Field Colour Bar [Terminal] INPUT 3 component input	• Feed the Component 15K Full Field colour bar signal (100% colour saturation) to INPUT 3 component input. 
2	Auto adjustment performance	Process adjustment mode page 7	Bring the cursor on [■COMP 15K ALL Adjust] and press [OK]. [■COMP 15K ALL Adjust Finish] appears when finished.

(5) DVI-I (analog) signal adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting		• Feed the XGA (1024 x 768 60Hz) window pattern signal to DVI-I (analog) input. 
2	Auto adjustment performance	Process adjustment mode page 9	Bring the cursor on [■DVI ANALOG] and press [OK]. [■DVI ANALOG Finish] appears when finished.

(6) DVI-I (digital) signal adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting		• Feed the XGA (1024 x 768 60Hz) window pattern signal to DVI-I (digital) input. 
2	Auto adjustment performance	Process adjustment mode page 10	Bring the cursor on [■DVI DIGITAL] and press [OK]. [■DVI DIGITAL Finish] appears when finished.

5. White balance Adjustment

1. Connect the AVC system, start the unit, and then perform a white balance adjustment on the display.
2. Using the cursor ▲/▼ key, go to the process adjustment mode page 11 and bring up the adjustment display (High side: 200 gradations, Low side: 48 gradations).
3. Adjust [R GAMMAHI], [G GAMMAHI] and [B GAMMAHI] so that 200-gradation pattern becomes normal.
4. Adjust [R GAMMALO], [G GAMMALO] and [B GAMMALO] so that 48-gradation pattern becomes normal.
   Normal pattern should be in accordance with the pattern of the standard monitor.

Reference: x = 0.272, y = 0.275 [Minolta CA-210] (200 gradations)
x = 0.272, y = 0.275 [Minolta CA-210] (48 gradations)

6. Factory Setting

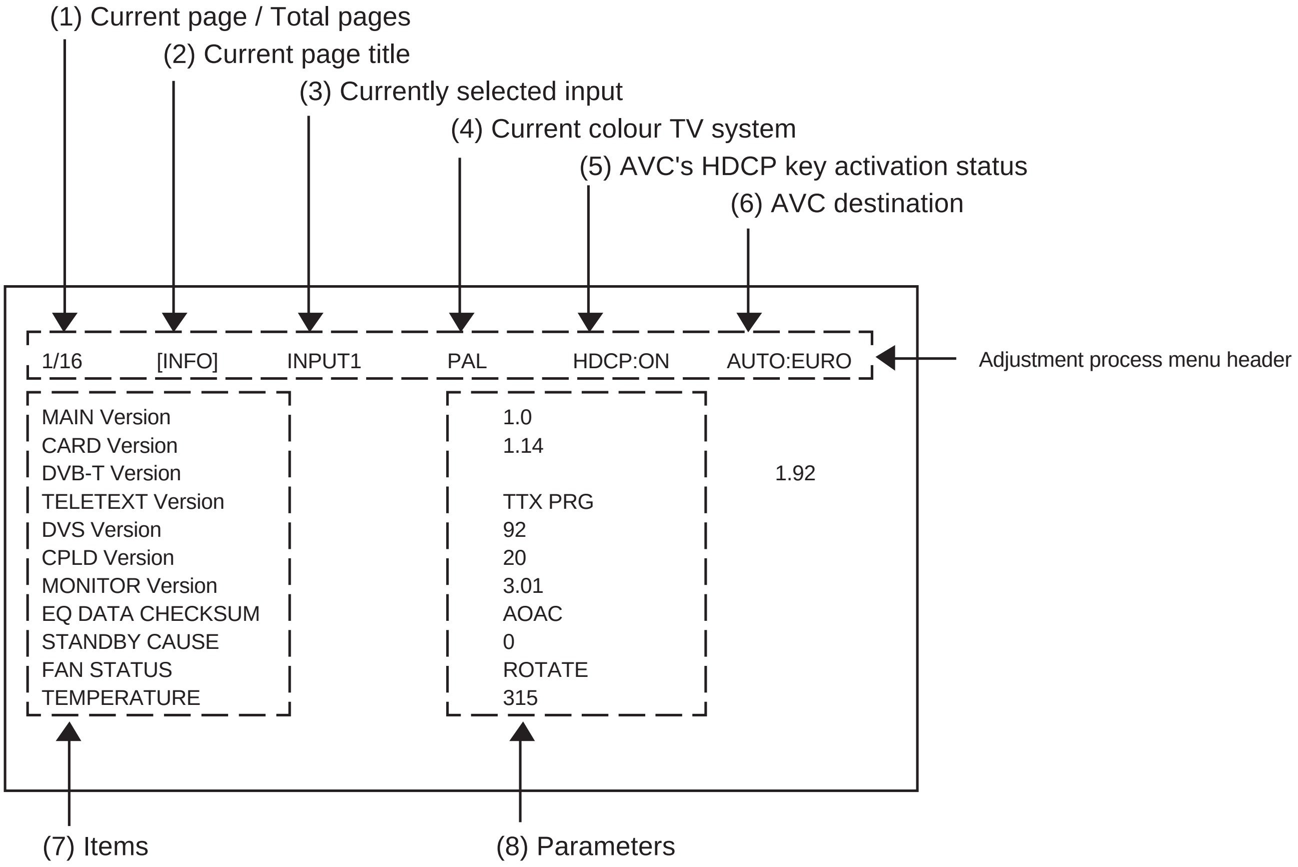
Caution: When initialization is performed, all user setting data including the channel settings are initialized.
(The adjustments done in the process adjustment mode are not initialized.)

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Factory setting		• Enter the process adjustment mode. • Bring the cursor on to "INDUSTRY INIT" in page 2. • Set to [ON] using [◿ (+)] or [◿ (–)] key, and press [OK] to execute the initialization. When the initialization is complete, the process adjustment mode screen is replaced by the TUNER screen. • Turn off AC power to the AVC system. **(Never shut off the power during the initialization process.)**
			The following settings are initialized in this adjustment. 1) User setting 2) Channel data (e.g. broadcast frequencies) 3) Operation time 4) Auto installation flag 5) Maker optional setting 6) Password data

After the adjustment, cancel the process adjustment mode.
To exit the process adjustment mode, unplug the AC power cable from the outlet to make a forced shutdown.

7. Discription of Display

1) Description of display


(1) Current page / Total pages
(2) Current page title
(3) Currently selected input
(4) Current colour TV system
(5) AVC's HDCP key activation status
(6) AVC destination
Adjustment process menu header
(7) Items
(8) Parameters

```
1/16      [INFO]     INPUT1       PAL       HDCP:ON      AUTO:EURO

MAIN Version                      1.0
CARD Version                      1.14
DVB-T Version                                           1.92
TELETEXT Version                  TTX PRG
DVS Version                       92
CPLD Version                      20
MONITOR Version                   3.01
EQ DATA CHECKSUM                  AOAC
STANDBY CAUSE                     0
FAN STATUS                        ROTATE
TEMPERATURE                       315
```

2) Description of adjustment process menu header

No	Description	Display
(1)	Current page / Total pages	2char/2char Decimal notation
(2)	Current page title	max15char "[" "]"Appears in brackets.
(3)	Currently selected input	TUNER/DTV/INPUT1/INPUT2/INPUT3/INPUT4/INPUT5/ CARD(Depends on the product's input capability)
(4)	Current colour TV system	NTSC/PAL/SECAM/COMP15K/COMP33K/COMP45K/ COMP28K/COMP31K
(5)	AVC's HDCP key activation status	HDCP:ON /HDCP:OFF
(6)	AVC destination	JAPAN/USA/EURO/ASIA/CHINA/HONGKONG
(7)	Items	max30char
(8)	Parameters	max60chae

8. Process adjustment mode list

●Process menu list

Page	Item		Explanation
1/16	[INFO]		
	MAIN Version	1.07(E 2004/04/	MAIN microcomputer'fs version display
	CARD Version	1.14	CARD unit'fs version display
	DVB-T Version	1.92R	DVB-T unit'fs version display
	TELETEXT Version	TTX PRG	TELETEXT microcomputer'fs version display
	DVS Version	92	DVS version display
	CPLD Version	20	CPLD version display
	Monitor Version	3.01	Monitor microcomputer'fs version display
	EQ DATA CHECKSUM	AOAC	Audio data checksum display
	STANDBY CAUSE	0	Last standby cause code display
	FAN STATUS	ROTATE	Fan status display, ROTATE/STOP (500msec interval)
	TEMPERATURE	2CA(Change)	Hexadecimal display of thermistor value (500msec interval)
2/16	[INIT]		
	INDUSTRY INIT	OFF	Execution of initialization (Same operation as remote controller initialization)
	DATA COPY	OFF	
	KEY WRITE	OFF	HDCP key activation (As default is ON, no need to set to ON in production)
	HOTEL MODE	OFF	HOTEL MODE ON/OFF setting
	Center Acutime	21H 15M	AVC's total operation time display (Reset by initialization)
	RESET	OFF	AVC's total operation time reset
	Backlight Acutime	24H 2M	Monitor's total operation time display (Not reset by initialization)
	RESET	OFF	Monitor's total operation time reset
	VIC XPOS	0	
	VIC YPOS	0	
	VIC COLOUR	Y/G	
	VIC SIGNAL TYPE	PALMAIN	
	VIC READ	OFF	
3/16	[PAL MAIN]		
	PAL ALL ADJ	Enter	PAL video auto adjustment execution (MAIN+SUB+TUNER DAC)
	PAL MAIN ADJ	Enter	PAL MAIN video auto adjustment
	TUNER DAC ADJ	Enter	PAL TUNER DAC video auto adjustment
	PAL MAIN CONTRAST	240	Contrast adjustment (IC402-CXD3802 adjustment)
	PAL MAIN COLOUR GAIN	100	Colour gain adjustment (IC402-CXD3802 adjustment)
	PAL SUB CONTRAST	0	PAL SUB contrast adjustment (IC601-VPC3230D adjustment)
	PAL SUB COLOUR GAIN	0	PAL SUB colour gain adjustment (IC601-VPC3230D adjustment)
	TUNER A DAC	165	TUNER DAC video adjustment
4/16	[PAL SUB]		
	PAL SUB ADJ	Enter	PAL SUB video auto adjustment (IC601-VPC3230D adjustment)
	PAL SUB CONTRAST	0	Contrast adjustment (IC601-VPC3230D adjustment)
	PAL SUB COLOUR GAIN	0	Colour gain adjustment (IC601-VPC3230D adjustment)
	TUNER TEST	Enter	
5/16	[PAL 2D MAIN]		
	PAL 2D MAIN ADJ	Enter	PAL 2D video auto adjustment (IC502-CXD2096 adjustment)
	PAL 2D MAIN CONTRAST	128	PAL 2D contrast adjustment (IC502-CXD2096 adjustment)
	PAL 2D MAIN COLOUR GAIN	128	PAL 2D colour gain adjustment (IC502-CXD2096 adjustment)
6/16	[N358 MAIN]		
	DVB-T RS232C TEST	OFF	Unused – Prohibited
	N358 MAIN ADJ	Enter	Unused – Prohibited
	N358 MAIN CONTRAST	240	Unused – Prohibited
	N358 MAIN COLOUR GAIN	100	Unused – Prohibited

●Process menu list

Page	Item		Explanation
7/16	[COMP 15K MAIN]		
	COMP15K ALL ADJ	Enter	COMP 15K video auto adjustment execution (IC402-CXD3802 adjustment)
	COMP15K MAIN ADJ	Enter	COMP 15K MAIN auto adjustment (IC402-CXD3802 adjustment)
	COMP15K SUB ADJ	Enter	COMP 15K SUB auto adjustment (IC601-VPC3230D adjustment)
	COMP15K MAIN CONTRAST	240	Contrast adjustment (IC601-VPC3230D adjustment)
	COMP15K MAIN COLOUR GAIN	100	Colour gain adjustment (IC402-CXD3802 adjustment)
	COMP15K SUB CONTRAST	0	Contrast adjustment (IC601-VPC3230D adjustment)
	COMP15K SUB COLOUR GAIN	0	Colour gain adjustment (IC601-VPC3230D adjustment)
8/16	[HDTV]		
	HDTV ADJ	Enter	HDTV video auto adjustment: Unused
	CONTRAST	240	Contrast adjustment: Unused
	COLOUR GAIN	100	Colour gain adjustment: Unused
9/16	[DVI ANALOG]		
	DVI ANALOG	Enter	DVI analog video auto adjustment
	R CUT OFF	128	R-CUT OFF adjustment
	G CUT OFF	128	
	B CUT OFF	128	
	R DRIVE	128	R-DRIVE adjustment
	G DRIVE	128	
	B DRIVE	128	
10/16	[DVI DIGITAL]		
	DVI DIGITAL	Enter	DVI digital video auto adjustment
	R CUT OFF	128	R-CUT OFF adjustment
	G CUT OFF	128	
	B CUT OFF	128	
	R DRIVE	128	R-DRIVE adjustment
	G DRIVE	128	
	B DRIVE	128	
11/16	[M GAMMA]		
	MONITOR R GAMMA LO	48	Monitor white balance adjustment
	MONITOR G GAMMA LO	48	
	MONITOR B GAMMA LO	48	Monitor gamma table B-LO side adjustment
	MONITOR R GAMMA HI	200	Monitor gamma table R-HI side adjustment
	MONITOR G GAMMA HI	200	
	MONITOR B GAMMA HI	200	
	GAMMA WRITE	OFF	Writing in monitor gamma table
	GAMMA RESET	OFF	Reset of monitor gamma table
12/16	[M GAMMA 6 R]		
	MONITOR R GAMMA 1	–	Unused(For one apparatus)
	MONITOR R GAMMA 2	–	
	MONITOR R GAMMA 3	–	
	MONITOR R GAMMA 4	–	
	MONITOR R GAMMA 5	–	
	MONITOR B GAMMA 6	–	
	GAMMA WRITE	OFF	
	GAMMA RESET	OFF	

Page	Item		Explanation
13/16	[M GAMMA 6 G]		
	MONITOR G GAMMA 1	–	Unused(For one apparatus)
	MONITOR G GAMMA 2	–	
	MONITOR G GAMMA 3	–	
	MONITOR G GAMMA 4	–	
	MONITOR G GAMMA 5	–	
	MONITOR G GAMMA 6	–	
	GAMMA WRITE	OFF	
	GAMMA RESET	OFF	
14/16	[M GAMMA 6 B]		
	MONITOR B GAMMA 1	–	Unused(For one apparatus)
	MONITOR B GAMMA 2	–	
	MONITOR B GAMMA 3	–	
	MONITOR B GAMMA 4	–	
	MONITOR B GAMMA 5	–	
	MONITOR B GAMMA 6	–	
	GAMMA WRITE	OFF	
	GAMMA RESET	OFF	
15/16	[PATTERN]		
	CVIC PATTERN	OFF	CVIC-generated internal pattern display
	GPU RETTERN	OFF	SEINE-generated internal pattern display
16/16	[ETC]		
	DATA COPY FOR INIT	ON	Data copy for initialization: Prohibited
	CARD REC INPUT	1	Permission of card recording by external input: Prohibited
	EEP SAVE	OFF	Saving adjustment value in storage area
	EEP RECOVER	OFF	Retrieving adjustment value from storage area
	AUTO INSTALLATION SW	1	Prohibited
	STANDBY CAUSE RESET	OFF	Reset of standby cause: Prohibited
	SYS MODEL COUNTRY	AUTO	Destination setting: Prohibited

Software Upgrade Procedure
(for Europe model (separate type)

The model employs the following software.

1. Main software (AVC system)
2. Monitor microcomputer software (Display)
3. Card microcomputer software
4. Digital Broadcasting Receiver microcomputer software.

The main software and the monitor microcomputer software can be upgraded by using a general-purpose SD memory card, while the card microcomputer software by using a PC card. The followings are the procedures for upgrading, explained separately for each of the main software, the monitor microcomputer software, the card microcomputer software and Digital Broadcasting Receiver microcomputer software.

1. Main software version upgrade

Get ready before you start

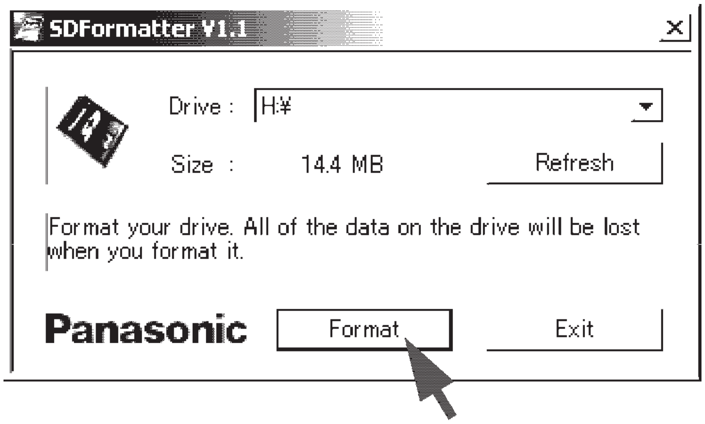
- SD memory card of 8MB or higher capacity
- PC running on Windows 98/98SE/ME/2000/XP operating system
- USB reader/writer and PC card adapter for reading and writing SD memory card
- Software for formatting SD card

(Downloadable at http://panasonic.jp/support/audio/sd/download/sd_formatter.html)

Preparation

To upgrade the main software, it is necessary to get ready the SD card for version upgrade before you start.
Follow the steps below and create the SD card for version upgrade.

① Insert the SD card into the SD card reader/writer. Start the SD card formatting software. Click [Format].
(When you have the drive options, select the drive where the SD card is inserted before you proceed.)

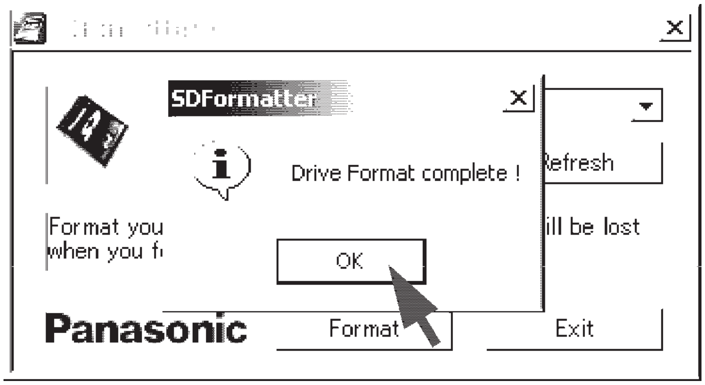


Drive : H:¥

Size : 14.4 MB

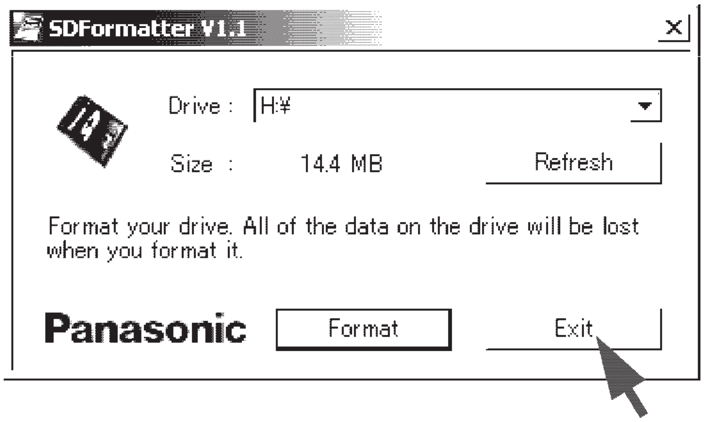
Format your drive. All of the data on the drive will be lost when you format it.

② When the formatting is over, the following window appears. Click [OK].



Drive Format complete !

③ Click [Exit] to finish the formatting.
∗ When you are done, take out the SD card once to make sure it is finished, and then insert it again.



Format your drive. All of the data on the drive will be lost when you format it.

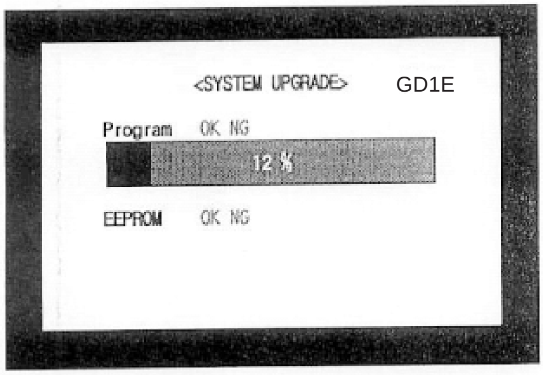
④ Copy the binary image file KD1EAxxx.SDC (named temporarily) for version upgrade to the root directory (folder) of the SD card drive.
∗ In the SD card drive, do not put other folders or unrelated files, or more than one binary image files for version upgrade.

Now the SD card for version upgrade is ready.

How to upgrade the software

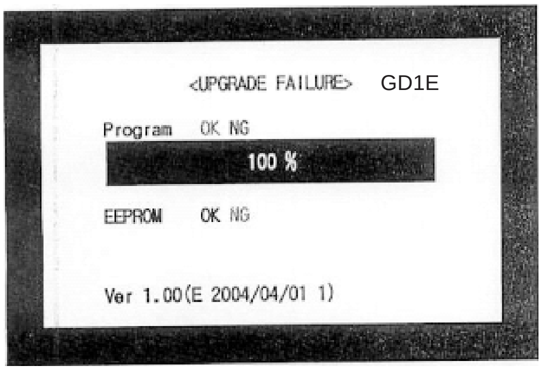
Software upgrading can be done regardless of whether a dedicated display is connected or not. You can view the progress on the dedicated display if it is connected. When such display is not used, see the power LED on the AVC system which blinks according to the status of upgrading. Please note that, unlike the digital model, the progress of upgrading does not appear on the screen of the TV set connected to the video output terminal of the AVC system.

① Shut off the AC power to the AVC system (i.e. unplug the AC power cable).
② Insert the SD card for version upgrade (prepared as above) into the service socket below the CENTER CHANNEL INPUT terminal in the rear of the AVC system, keeping the cut corner of the SD card at the right-hand side.
∗ If the SD card is inserted with wrong orientation, the card will go deep inside the unit beyond retrieval. Use due care to insert the SD card in a correct way.
③ While depressing the SYSTEM RESET button in the front of the AVC system, turn on the AC power (i.e. plug in the AC power cable).
∗ After the AVC system is started, you may release the SYSTEM RESET button.
④ After the AVC system startup, the system upgrade screen as shown below appears within 10-20 seconds.



⑤ Even a single failure in the process will trigger the upgrade failure screen as shown below. The word "NG" changes to red for the item failed.

∗ In the event of a failure, repeat the upgrading process. If the process repeatedly fails, the hardware failure is likely.



<UPGRADE FAILURE> GD1E

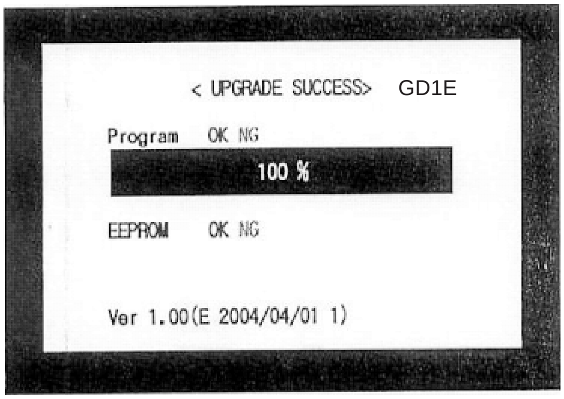
Program OK NG

100 %

EEPROM OK NG

Ver 1.00(E 2004/04/01 1)

⑥ Upon completion of the whole process, the upgrade success screen as shown below appears. You can check the new software version on this screen. The version information appears after the upgrade is complete.



< UPGRADE SUCCESS> GD1E

Program OK NG

100 %

EEPROM OK NG

Ver 1.00(E 2004/04/01 1)

⑦ Shut off the AC power to the AVC system (unplug the AC power cable), and remove the SD card for version upgrade.

⑧ Now the software version upgrade is complete.

∗ When you are done with the software version upgrade, start the unit, go to the top page of the adjustment process screen and check the main software version information.

2. Monitor microcomputer software version upgrade

Get ready before you begin

Get ready the same items as listed in the"Main software version upgrade". In addition, the display unit whose software is to be upgraded and the AVC system unit should also be ready.

Preparation

Create the SD card for monitor microcomputer software version upgrade in the same manner as explained in the "Main software version upgrade". Copy the binary image file for monitor microcomputer software version upgrade to the SD card drive.

How to upgrade the software

The software upgrade is performed in the environment where the AVC system is connected to the display unit whose software is to be upgraded. During the monitor microcomputer software version upgrade, the progress of upgrading will appear neither on the display screen nor on the screen of the TV set connected to the video output terminal of the AVC system. The upgrading status is seen by the blinking of the display side power LED.

① Connect the display to the AVC system correctly. Turn on the AC power of each unit (plug in the AC power cable).
② Turn on the main power switch (not the receiver power switch) of the display beforehand.
③ Shut off the AC power to the AVC system (i.e. unplug the AC power cable).
④ Insert the SD card for version upgrade (prepared as above) into the service socket below the CENTER CHANNEL INPUT terminal in the rear of the AVC system, keeping the cut corner of the SD card at the right-hand side.
∗ If the SD card is inserted with wrong orientation, the card will go deep inside the unit beyond retrieval. Use due care to insert the SD card correctly.
⑤ While depressing the SYSTEM RESET button in the front of the AVC system, turn on the AC power (i.e. plug in the AC power cable).
∗ After the AVC system is started, you may release the SYSTEM RESET button.

Caution!!

The moment this operation is done, the upgrading process of the monitor microcomputer software starts. While the upgrade is ongoing, never turn off the power to the display or the AVC system. Otherwise the upgrade will fail and the system can be damaged seriously beyond recovery (inability of the display unit startup).

⑥ After the AVC system startup, the display side power LED starts blinking in green within 10-20 seconds.
⑦ Wait until the display side power LED stops blinking, the AVC system restarts automatically, and the normal startup screen appears on the display (it will take 2-3 minutes).
⑧ Shut off the AC power to the AVC system (unplug the AC power cable), and remove the SD card for version upgrade.
⑨ Now the software version upgrade is complete.
∗ When you are done with the software version upgrade, start the unit, go to the top page of the adjustment process screen and check the monitor microcomputer software version information.

3. Card microcomputer software version upgrade

① When the unit is turned on, unplug the AC power cable from the outlet to make a forced shutdown.
② Insert a new microcomputer software card into the PC card slot.
③ Plug the AC power cable into the outlet.
④ Press the Menu button and select the card mode.
⑤ The card microcomputer program is automatically loaded from the PC card.
⑥ When the loading is over, "Finished" message appears.
⑦ Unplug the AC power cable from the outlet to make a forced shutdown.

4. Software Upgrade Procedure for Digital Broadcasting Receiver

① Applicable Models

- TU-32/37GD1E/K/I/F

② Equipment Required

- PC card-sized flash memory card: 1

The following Compact Flash cards and PCMCIA Compact Flash card adapters are available.

Support the following Compact Flash card PCMCIA Compact Flash card adapters.

Manufacture	Product Number	Description
Sandisk	SDCFB-32-768	32MB Compact Flash card
Sandisk	SDCFB-64-768	32MB Compact Flash card
Kingston	CF/32	32MB Compact Flash card
Kingston	CF/64	64MB Compact Flash card
Integral		32MB Compact Flash card
Integral		64MB Compact Flash card
Sandisk	SDCF-38	PCMCIA Compact Flash card adapter
MicroTech	CFA	PCMCIA Compact Flash card adapter
Integral		PCMCIA Compact Flash card adapter

③ Preparation

1. Copy the software to download from your Windows computer to the flash card.
   Open Explorer.exe on your Windows computer and copy “FCL.IMG” and “IBOP.IMG” in the “Verx.xx” folder (xx stands for the version of the software to download) to the top directory of the flash card.
   * Distribution method of the software will be informed to you separately.

2. Check the version of the software to be upgraded, if possible.
   The version of the software installed on the unit can be checked by following these menu options: DTV menu -> Setup -> Installations -> Software version.

3. Switch the image source to “DTV” and turn off the power.

④ Procedure

Upgrade the “Digital Broadcasting Receiver Unit Software”.

Case A: When the versions differ between the installed software and software to download

1. Disconnect the antenna cable from the unit.

2. Make sure that the power of the unit is turned off, and insert the flash memory card into the CI slot.

3. Turn on the power.
   Download starts automatically.
   * Do not turn off the power until the download is complete about 2 minutes.
   There is no information appears on screen while downloading.
   When the download is complete, the digital broadcasting receiver unit resets itself and reboots automatically.
   After it is reset, the display blacks out for approximately 10 seconds, then the information banner appears.
   * If an error message appears, refer to “Troubleshooting”.

4. Check the software version.
   Follow these menu options: DTV menu -> Setup -> Installations -> Software version.
   Check that the version matches with the one you wanted to download.

5. Turn off the power and remove the flash memory card from the CI slot.

Case B: When the versions are the same between the installed software and software to download

1. Disconnect the antenna cable from the unit.

2. Make sure that the power of the unit is turned off, and insert the flash memory card into the CI slot.

3. Turn on the power.

4. Download the software manually as follows:
   - Use the buttons on the main unit or remote control to display the process mode screen.
   - Set “DVB-T PROG UPDATE” to “ON” and press the “OK” button.
   Download starts.
   * Do not turn off the power until the download is complete about 2 minutes.
   There is no information appears on screen while downloading.
   When the download is complete, the digital broadcasting receiver unit resets itself and reboots automatically.
   After it is reset, the display blacks out for approximately 10 seconds, then the information banner appears.
   * If an error message appears, refer to “Troubleshooting”.
   - Use the buttons on the main unit or remote control to exit the process mode screen.

5. Check the software version.
   Follow these menu options: DTV menu -> Setup -> Installations -> Software version.
   Check that the version matches with the one you wanted to download.

6. Turn off the power and remove the flash memory card from the CI slot.

Case C: When the version of the installed software cannot be confirmed

If the digital broadcasting receiver unit does not activate properly or enters the download mode immediately after it is activated, perform the following procedure.

1. Disconnect the antenna cable from the unit.

2. Make sure that the power of the unit is turned off, and insert the flash memory card into the CI slot.

3. Turn on the power.
   Download starts automatically.
   * Do not turn off the power until the download is complete about 2 minutes.
   There is no information appears on screen while downloading.
   When the download is complete, the digital broadcasting receiver unit resets itself and reboots automatically.
   After it is reset, the display blacks out for approximately 10 seconds, then the information banner appears.
   * If an error message appears, refer to “Troubleshooting”.

4. Check the software version.
   Follow these menu options: DTV menu -> Setup -> Installations -> Software version.
   Check that the version matches with the one you wanted to download.

5. Turn off the power and remove the flash memory card from the CI slot.

   This is the end of the download process.

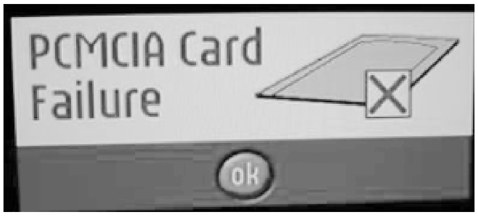
Notes:

- Download takes about 2 minutes. Once the download starts, never turn off the power until the unit is reset automatically, or error message appears.
- After the download process is complete, perform the search operation from the menu, if necessary.
  Especially for Case C in “Procedure”, search (or Reinstall all services) should be performed as there is a high possibility that the service list has disappeared.

⑤ Troubleshooting

Error message may appear when the download is not completed properly.

Case A: Card identification failed



PCMCIA Card Failure

The unit failed to detect the card. Loose insertion or poor contact may be the cause. Follow the procedure below.

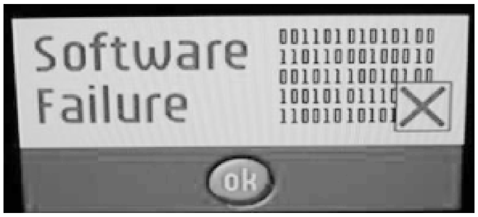
1. Turn off the power of the unit.

2. Remove the flash memory card from the CI slot.
- Check whether the Compact Flash card is inserted fully.
- Check that the used Compact Flash card or adapter is listed in the table under “Equipment Required”.

3. Re-insert the flash memory card into the CI slot.
- Ensure that the card is inserted fully into the slot.

4. Download the software again according to the above “Procedure”.

Case B: Software compatibility error



Software Failure

The software copied to the flash memory card is inappropriate. Copy failure or version incompatibility may be the cause.

1. Turn off the power of the unit.

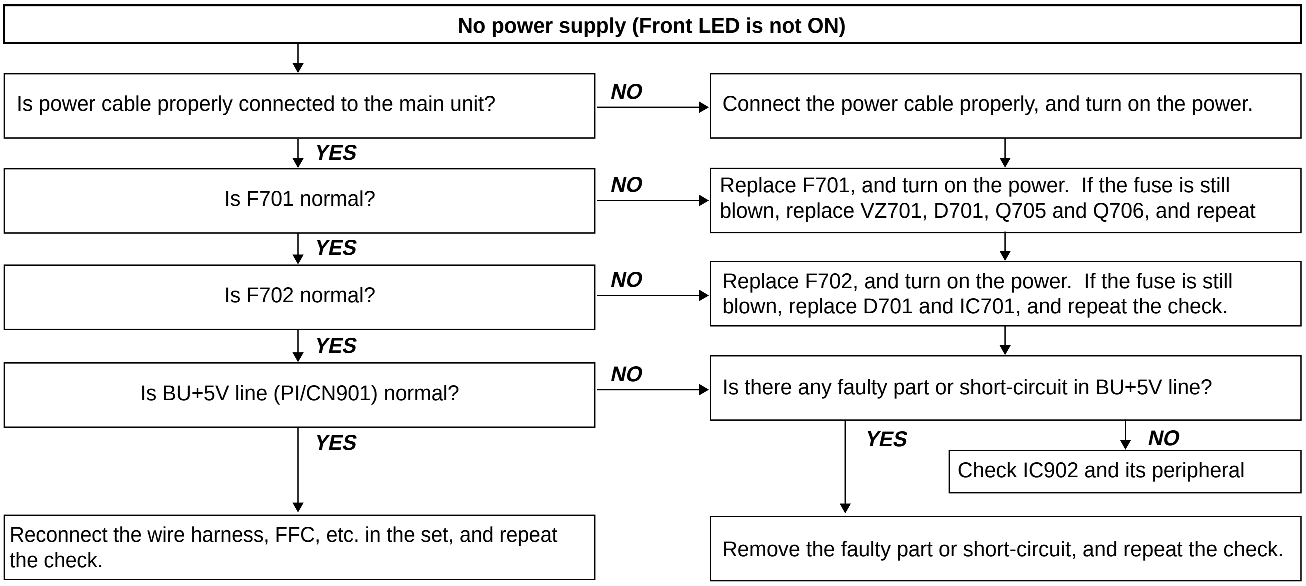
2. Remove the flash memory card from the CI slot.

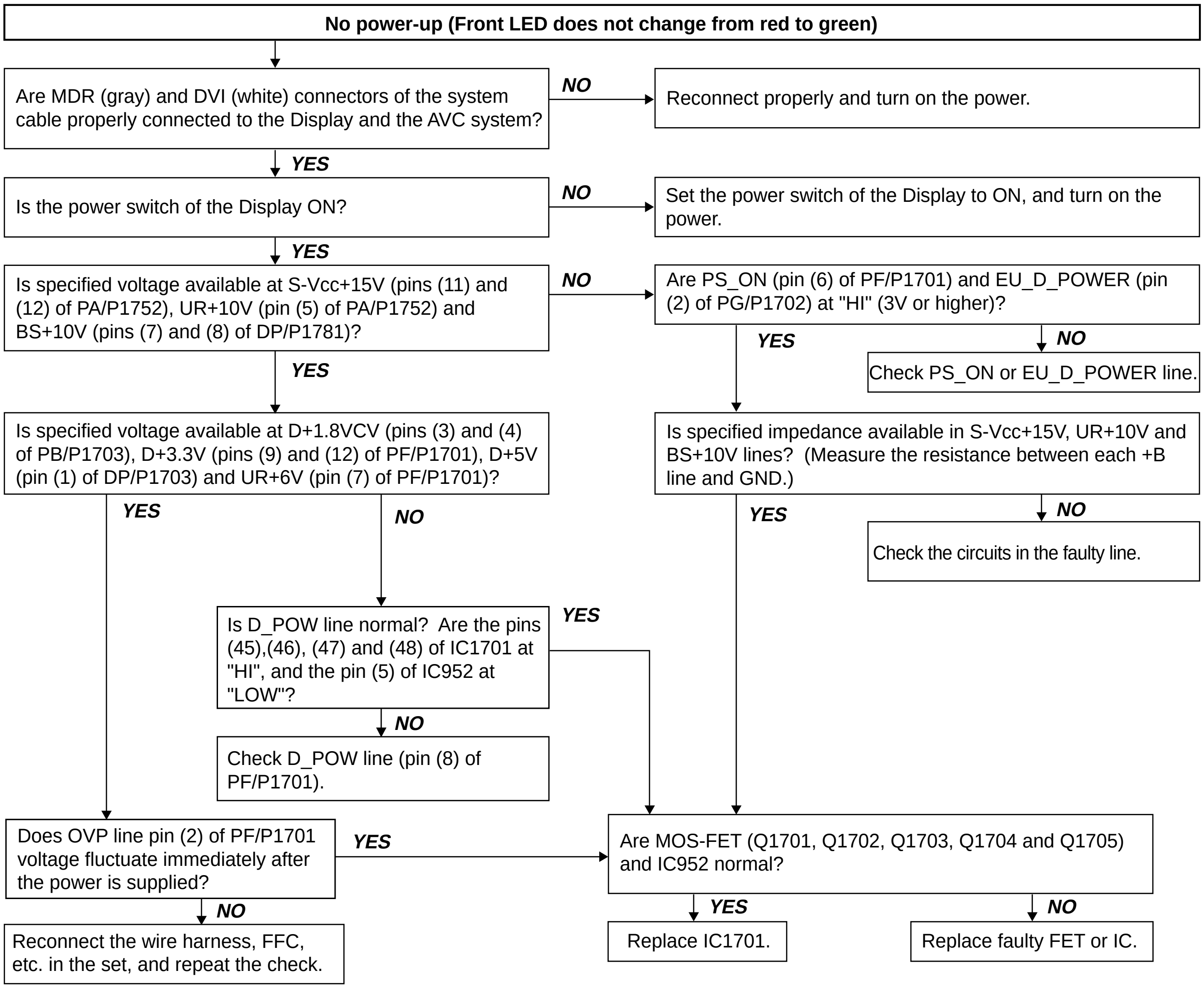
3. Insert the flash memory card into your Windows computer and copy the files again.
    - Check the versions of the files to copy.
    - Check that the files are copied to the top directory of the flash card.
    - Ensure that both files are copied.

4. Re-insert the flash memory card into the CI slot.
    - Ensure that the card is inserted fully into the slot.

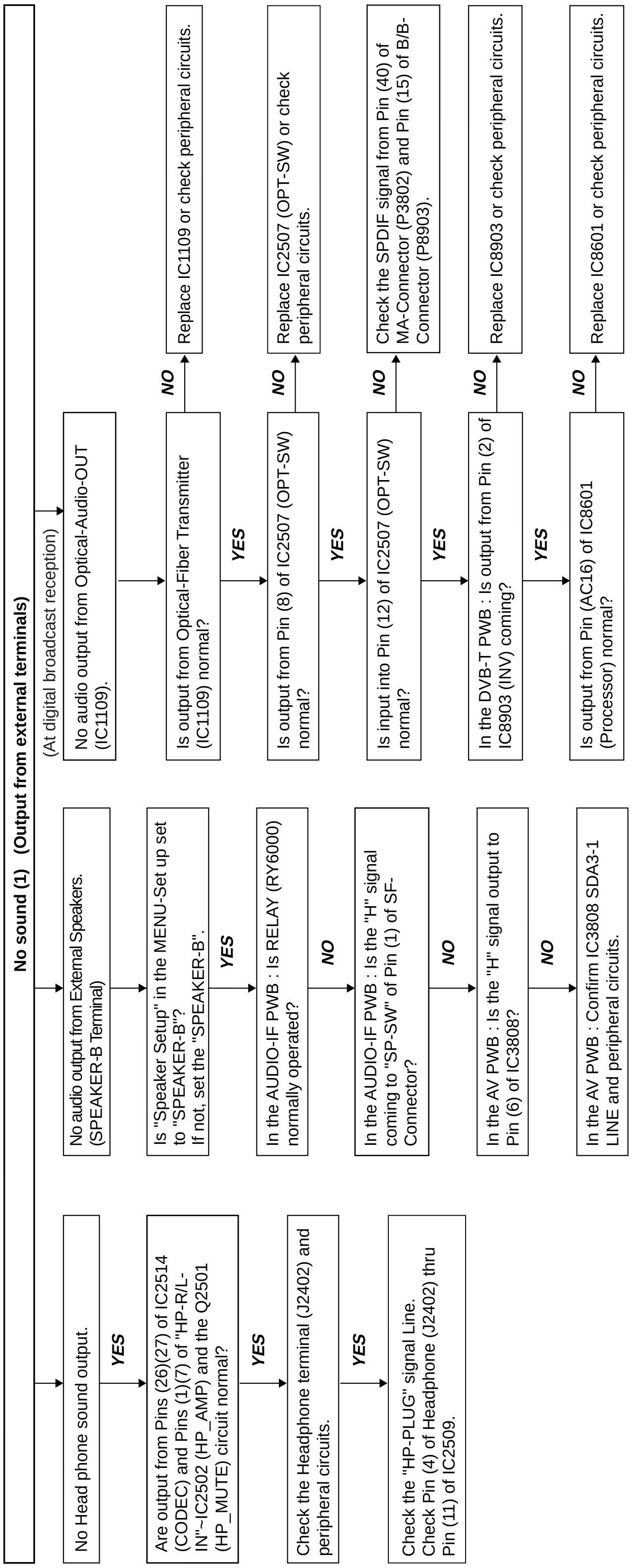
5. Download the software again according to the above “Procedure”.

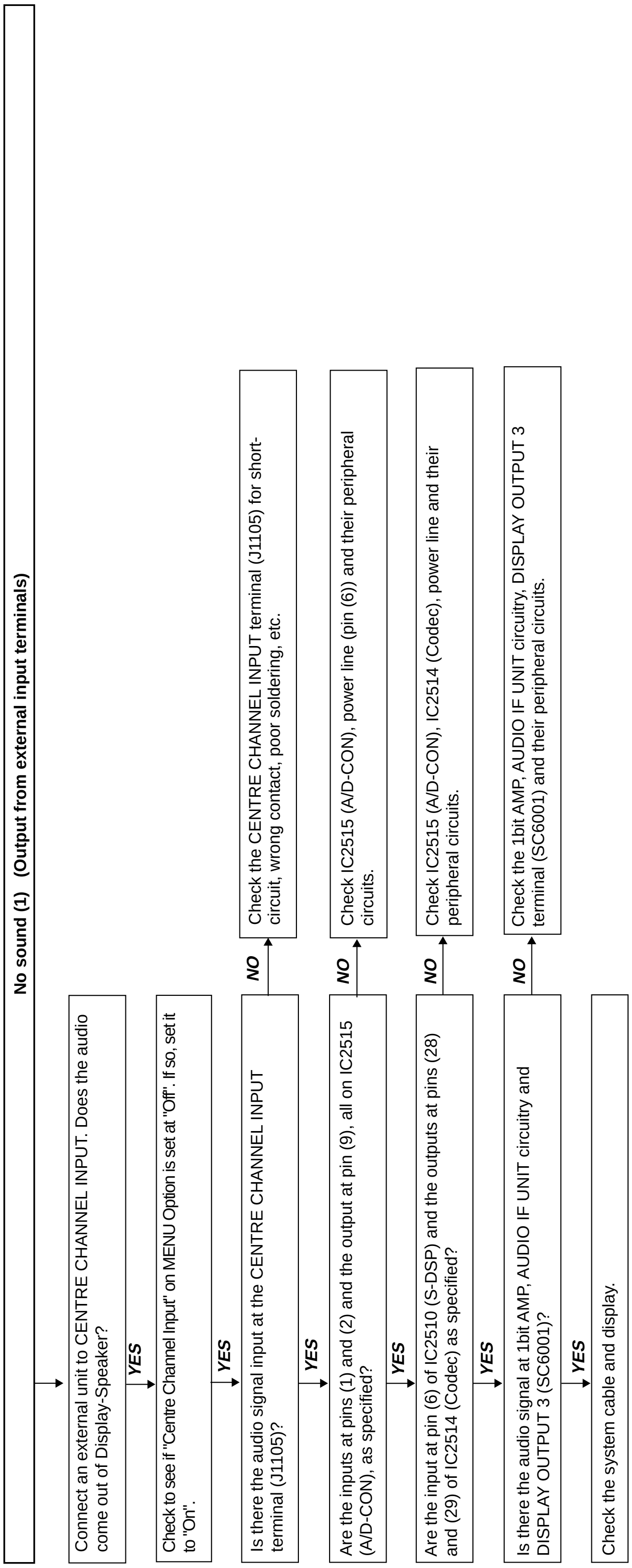
TROUBLE SHOOTING TABLE


No power supply (Front LED is not ON)
Is power cable properly connected to the main unit?
NO
Connect the power cable properly, and turn on the power.
YES
Is F701 normal?
NO
Replace F701, and turn on the power. If the fuse is still blown, replace VZ701, D701, Q705 and Q706, and repeat
YES
Is F702 normal?
NO
Replace F702, and turn on the power. If the fuse is still blown, replace D701 and IC701, and repeat the check.
YES
Is BU+5V line (PI/CN901) normal?
NO
Is there any faulty part or short-circuit in BU+5V line?
YES
YES
NO
Check IC902 and its peripheral
Reconnect the wire harness, FFC, etc. in the set, and repeat the check.
Remove the faulty part or short-circuit, and repeat the check.

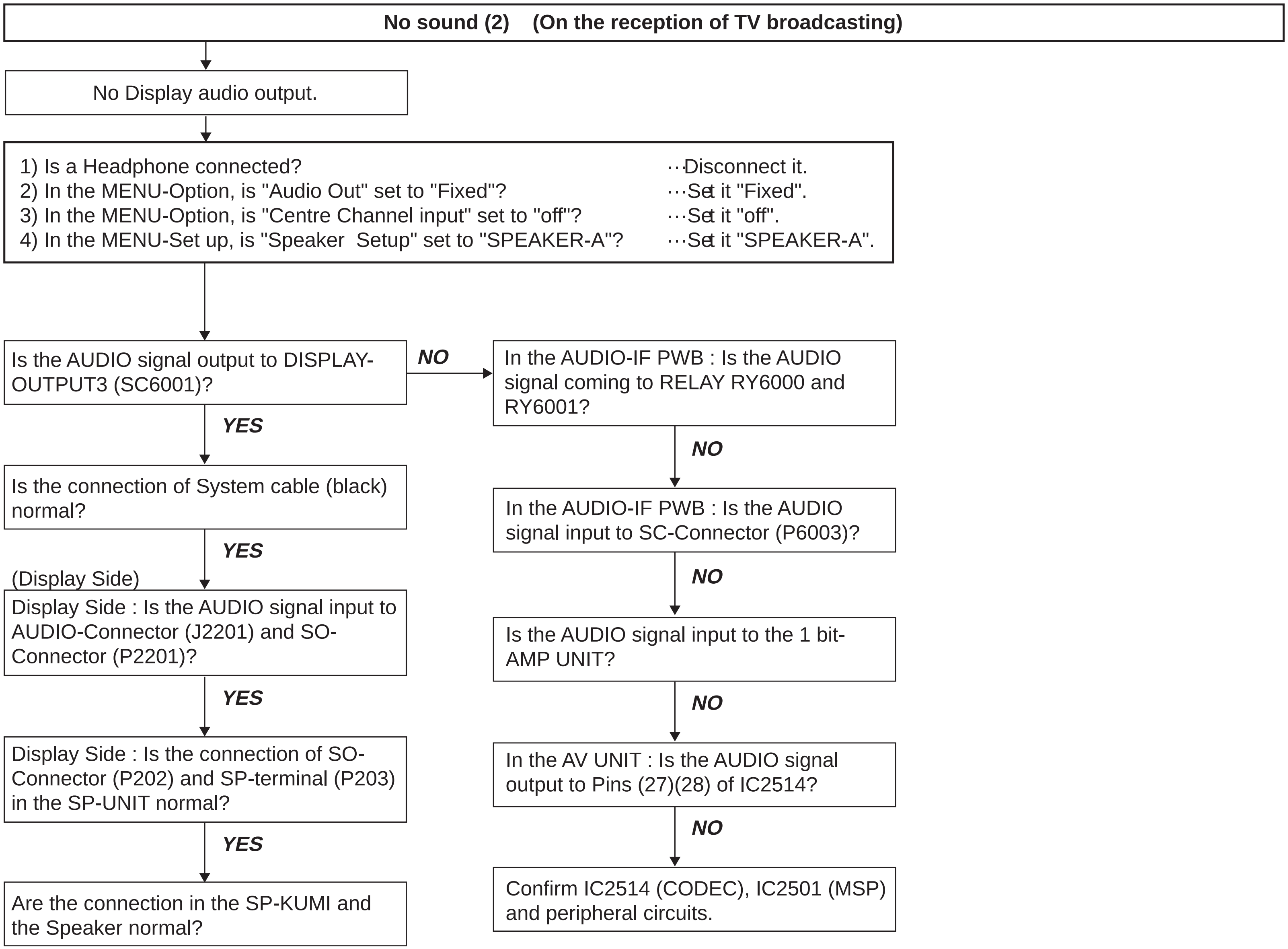

No power-up (Front LED does not change from red to green)
Are MDR (gray) and DVI (white) connectors of the system cable properly connected to the Display and the AVC system?
NO
Reconnect properly and turn on the power.
YES
Is the power switch of the Display ON?
NO
Set the power switch of the Display to ON, and turn on the power.
YES
Is specified voltage available at S-Vcc+15V (pins (11) and (12) of PA/P1752), UR+10V (pin (5) of PA/P1752) and BS+10V (pins (7) and (8) of DP/P1781)?
NO
Are PS_ON (pin (6) of PF/P1701) and EU_D_POWER (pin (2) of PG/P1702) at "HI" (3V or higher)?
YES
NO
Check PS_ON or EU_D_POWER line.
YES
Is specified voltage available at D+1.8VCV (pins (3) and (4) of PB/P1703), D+3.3V (pins (9) and (12) of PF/P1701), D+5V (pin (1) of DP/P1703) and UR+6V (pin (7) of PF/P1701)?
Is specified impedance available in S-Vcc+15V, UR+10V and BS+10V lines? (Measure the resistance between each +B line and GND.)
YES
NO
YES
NO
Check the circuits in the faulty line.
Is D_POW line normal? Are the pins (45),(46), (47) and (48) of IC1701 at "HI", and the pin (5) of IC952 at "LOW"?
YES
NO
Check D_POW line (pin (8) of PF/P1701).
Does OVP line pin (2) of PF/P1701 voltage fluctuate immediately after the power is supplied?
YES
Are MOS-FET (Q1701, Q1702, Q1703, Q1704 and Q1705) and IC952 normal?
NO
Reconnect the wire harness, FFC, etc. in the set, and repeat the check.
YES
NO
Replace IC1701.
Replace faulty FET or IC.

TROUBLE SHOOTING TABLE (Continued)

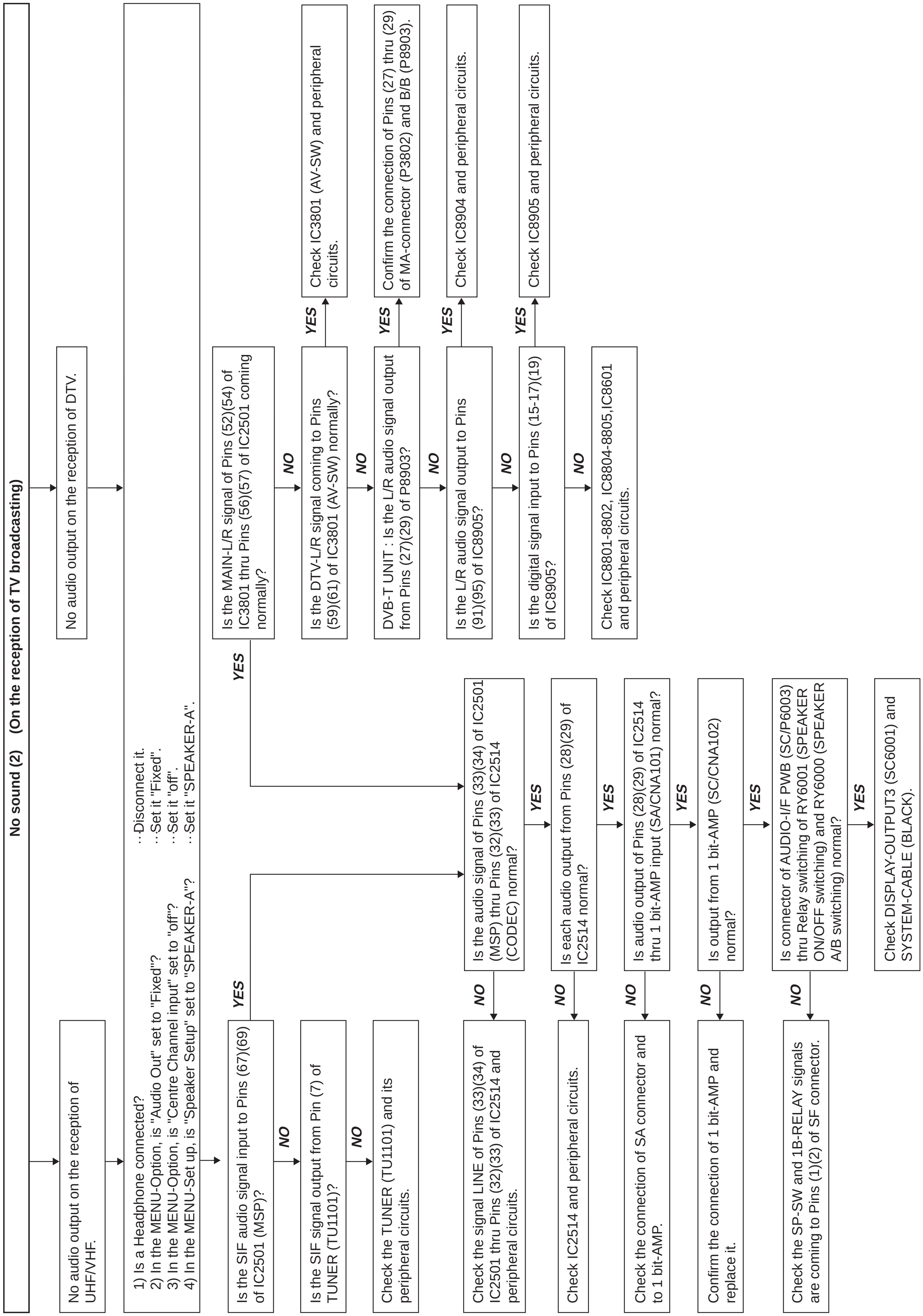

No sound (1) (Output from external terminals)
No Head phone sound output.
YES
Are output from Pins (26)(27) of IC2514 (CODEC) and Pins (1)(7) of "HP-R/L-IN"~IC2502 (HP_AMP) and the Q2501 (HP_MUTE) circuit normal?
YES
Check the Headphone terminal (J2402) and peripheral circuits.
YES
Check the "HP-PLUG" signal Line. Check Pin (4) of Headphone (J2402) thru Pin (11) of IC2509.
No audio output from External Speakers. (SPEAKER-B Terminal)
Is "Speaker Setup" in the MENU-Set up set to "SPEAKER-B"? If not, set the "SPEAKER-B".
YES
In the AUDIO-IF PWB : Is RELAY (RY6000) normally operated?
NO
In the AUDIO-IF PWB : Is the "H" signal coming to "SP-SW" of Pin (1) of SF-Connector?
NO
In the AV PWB : Is the "H" signal output to Pin (6) of IC3808?
NO
In the AV PWB : Confirm IC3808 SDA3-1 LINE and peripheral circuits.
(At digital broadcast reception)
No audio output from Optical-Audio-OUT (IC1109).
Is output from Optical-Fiber Transmitter (IC1109) normal?
NO
Replace IC1109 or check peripheral circuits.
YES
Is output from Pin (8) of IC2507 (OPT-SW) normal?
NO
Replace IC2507 (OPT-SW) or check peripheral circuits.
YES
Is input into Pin (12) of IC2507 (OPT-SW) normal?
NO
Check the SPDIF signal from Pin (40) of MA-Connector (P3802) and Pin (15) of B/B-Connector (P8903).
YES
In the DVB-T PWB : Is output from Pin (2) of IC8903 (INV) coming?
NO
Replace IC8903 or check peripheral circuits.
YES
Is output from Pin (AC16) of IC8601 (Processor) normal?
NO
Replace IC8601 or check peripheral circuits.


No sound (1) (Output from external input terminals)
Connect an external unit to CENTRE CHANNEL INPUT. Does the audio come out of Display-Speaker?
YES
Check to see if "Centre Channel Input" on MENU Option is set at "Off". If so, set it to "On".
YES
Is there the audio signal input at the CENTRE CHANNEL INPUT terminal (J1105)?
NO
Check the CENTRE CHANNEL INPUT terminal (J1105) for short-circuit, wrong contact, poor soldering, etc.
YES
Are the inputs at pins (1) and (2) and the output at pin (9), all on IC2515 (A/D-CON), as specified?
NO
Check IC2515 (A/D-CON), power line (pin (6)) and their peripheral circuits.
YES
Are the input at pin (6) of IC2510 (S-DSP) and the outputs at pins (28) and (29) of IC2514 (Codec) as specified?
NO
Check IC2515 (A/D-CON), IC2514 (Codec), power line and their peripheral circuits.
YES
Is there the audio signal at 1bit AMP, AUDIO IF UNIT circuitry and DISPLAY OUTPUT 3 (SC6001)?
NO
Check the 1bit AMP, AUDIO IF UNIT circuitry, DISPLAY OUTPUT 3 terminal (SC6001) and their peripheral circuits.
YES
Check the system cable and display.

TROUBLE SHOOTING TABLE (Continued)

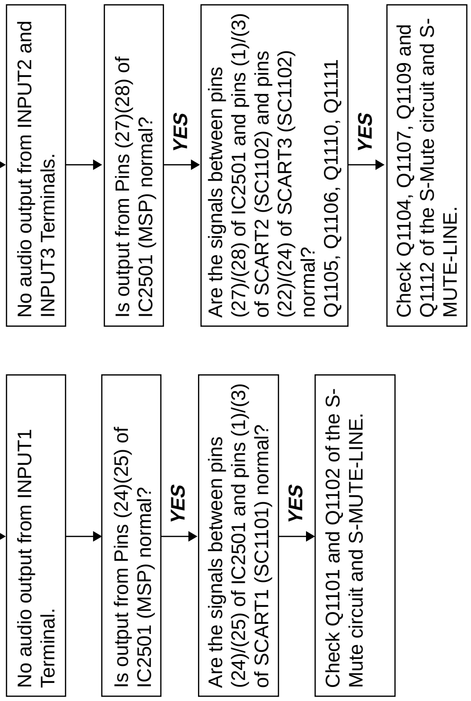

No sound (2) (On the reception of TV broadcasting)
No Display audio output.
1) Is a Headphone connected? ···Disconnect it.
2) In the MENU-Option, is "Audio Out" set to "Fixed"? ···Set it "Fixed".
3) In the MENU-Option, is "Centre Channel input" set to "off"? ···Set it "off".
4) In the MENU-Set up, is "Speaker Setup" set to "SPEAKER-A"? ···Set it "SPEAKER-A".
Is the AUDIO signal output to DISPLAY-OUTPUT3 (SC6001)?
NO
In the AUDIO-IF PWB : Is the AUDIO signal coming to RELAY RY6000 and RY6001?
NO
In the AUDIO-IF PWB : Is the AUDIO signal input to SC-Connector (P6003)?
NO
Is the AUDIO signal input to the 1 bit-AMP UNIT?
NO
In the AV UNIT : Is the AUDIO signal output to Pins (27)(28) of IC2514?
NO
Confirm IC2514 (CODEC), IC2501 (MSP) and peripheral circuits.
YES
Is the connection of System cable (black) normal?
YES
(Display Side)
Display Side : Is the AUDIO signal input to AUDIO-Connector (J2201) and SO-Connector (P2201)?
YES
Display Side : Is the connection of SO-Connector (P202) and SP-terminal (P203) in the SP-UNIT normal?
YES
Are the connection in the SP-KUMI and the Speaker normal?

TROUBLE SHOOTING TABLE (Continued)

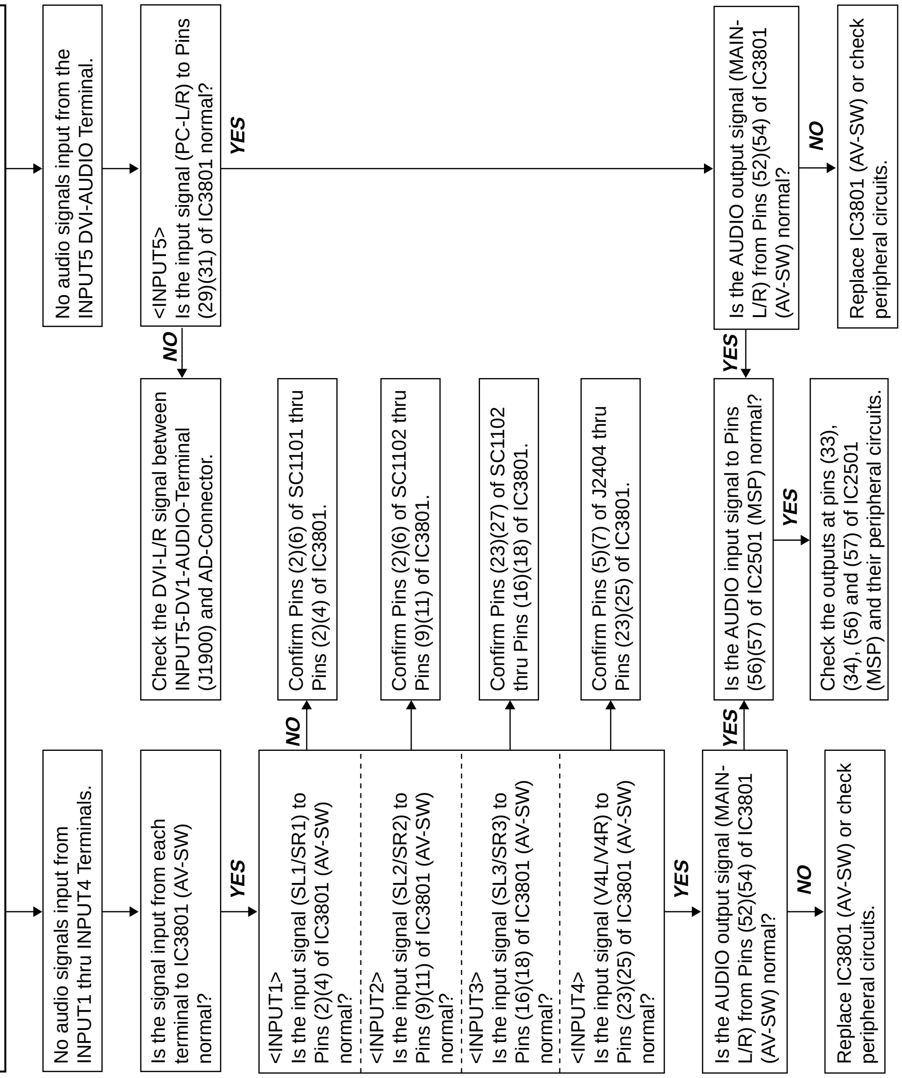

No sound (2) (On the reception of TV broadcasting)
No audio output on the reception of UHF/VHF.
No audio output on the reception of DTV.
1) Is a Headphone connected? ‥Disconnect it.
2) In the MENU-Option, is "Audio Out" set to "Fixed"? ‥Set it "Fixed".
3) In the MENU-Option, is "Centre Channel input" set to "off"? ‥Set it "off".
4) In the MENU-Set up, is "Speaker Setup" set to "SPEAKER-A"? ‥Set it "SPEAKER-A".
Is the SIF audio signal input to Pins (67)(69) of IC2501 (MSP)?
NO
Is the SIF signal output from Pin (7) of TUNER (TU1101)?
NO
Check the TUNER (TU1101) and its peripheral circuits.
YES
Is the MAIN-L/R signal of Pins (52)(54) of IC3801 thru Pins (56)(57) of IC2501 coming normally?
YES
NO
Is the DTV-L/R signal coming to Pins (59)(61) of IC3801 (AV-SW) normally?
YES
Check IC3801 (AV-SW) and peripheral circuits.
NO
DVB-T UNIT : Is the L/R audio signal output from Pins (27)(29) of P8903?
YES
Confirm the connection of Pins (27) thru (29) of MA-connector (P3802) and B/B (P8903).
NO
Is the L/R audio signal output to Pins (91)(95) of IC8905?
YES
Check IC8904 and peripheral circuits.
NO
Is the digital signal input to Pins (15-17)(19) of IC8905?
YES
Check IC8905 and peripheral circuits.
NO
Check IC8801-8802, IC8804-8805,IC8601 and peripheral circuits.
Is the audio signal of Pins (33)(34) of IC2501 (MSP) thru Pins (32)(33) of IC2514 (CODEC) normal?
NO
Check the signal LINE of Pins (33)(34) of IC2501 thru Pins (32)(33) of IC2514 and peripheral circuits.
YES
Is each audio output from Pins (28)(29) of IC2514 normal?
NO
Check IC2514 and peripheral circuits.
YES
Is audio output of Pins (28)(29) of IC2514 thru 1 bit-AMP input (SA/CNA101) normal?
NO
Check the connection of SA connector and to 1 bit-AMP.
YES
Is output from 1 bit-AMP (SC/CNA102) normal?
NO
Confirm the connection of 1 bit-AMP and replace it.
YES
Is connector of AUDIO-I/F PWB (SC/P6003) thru Relay switching of RY6001 (SPEAKER ON/OFF switching) and RY6000 (SPEAKER A/B switching) normal?
NO
Check the SP-SW and 1B-RELAY signals are coming to Pins (1)(2) of SF connector.
YES
Check DISPLAY-OUTPUT3 (SC6001) and SYSTEM-CABLE (BLACK).

TROUBLE SHOOTING TABLE (Continued)

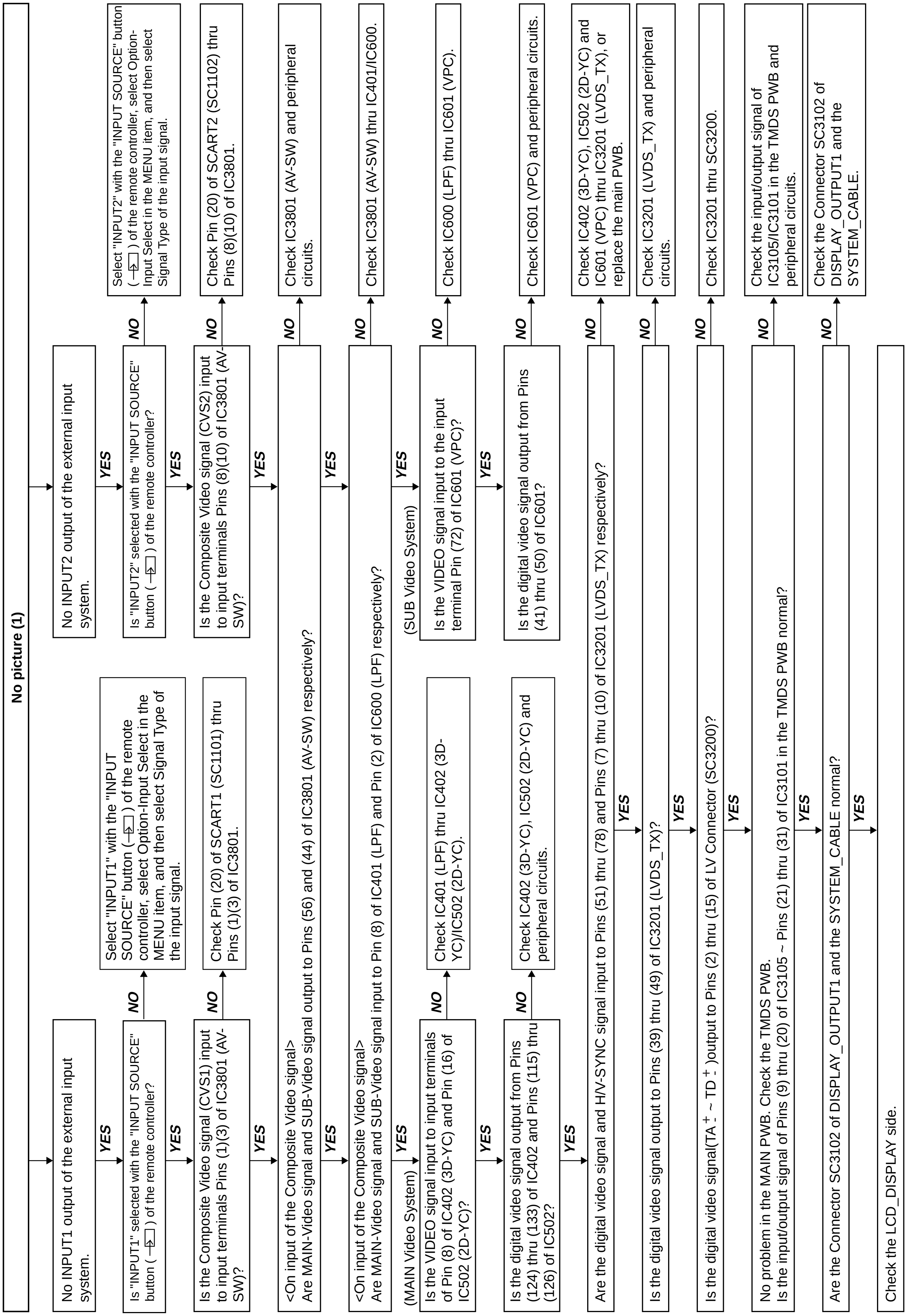
No sound (3) (On the reception of TV broadcasting, audio from the SCART terminal to the external device)


No audio output from INPUT1 Terminal.
Is output from Pins (24)(25) of IC2501 (MSP) normal?
YES
Are the signals between pins (24)/(25) of IC2501 and pins (1)/(3) of SCART1 (SC1101) normal?
YES
Check Q1101 and Q1102 of the S-Mute circuit and S-MUTE-LINE.
No audio output from INPUT2 and INPUT3 Terminals.
Is output from Pins (27)(28) of IC2501 (MSP) normal?
YES
Are the signals between pins (27)/(28) of IC2501 and pins (1)/(3) of SCART2 (SC1102) and pins (22)/(24) of SCART3 (SC1102) normal?
Q1105, Q1106, Q1110, Q1111
YES
Check Q1104, Q1107, Q1109 and Q1112 of the S-Mute circuit and S-MUTE-LINE.

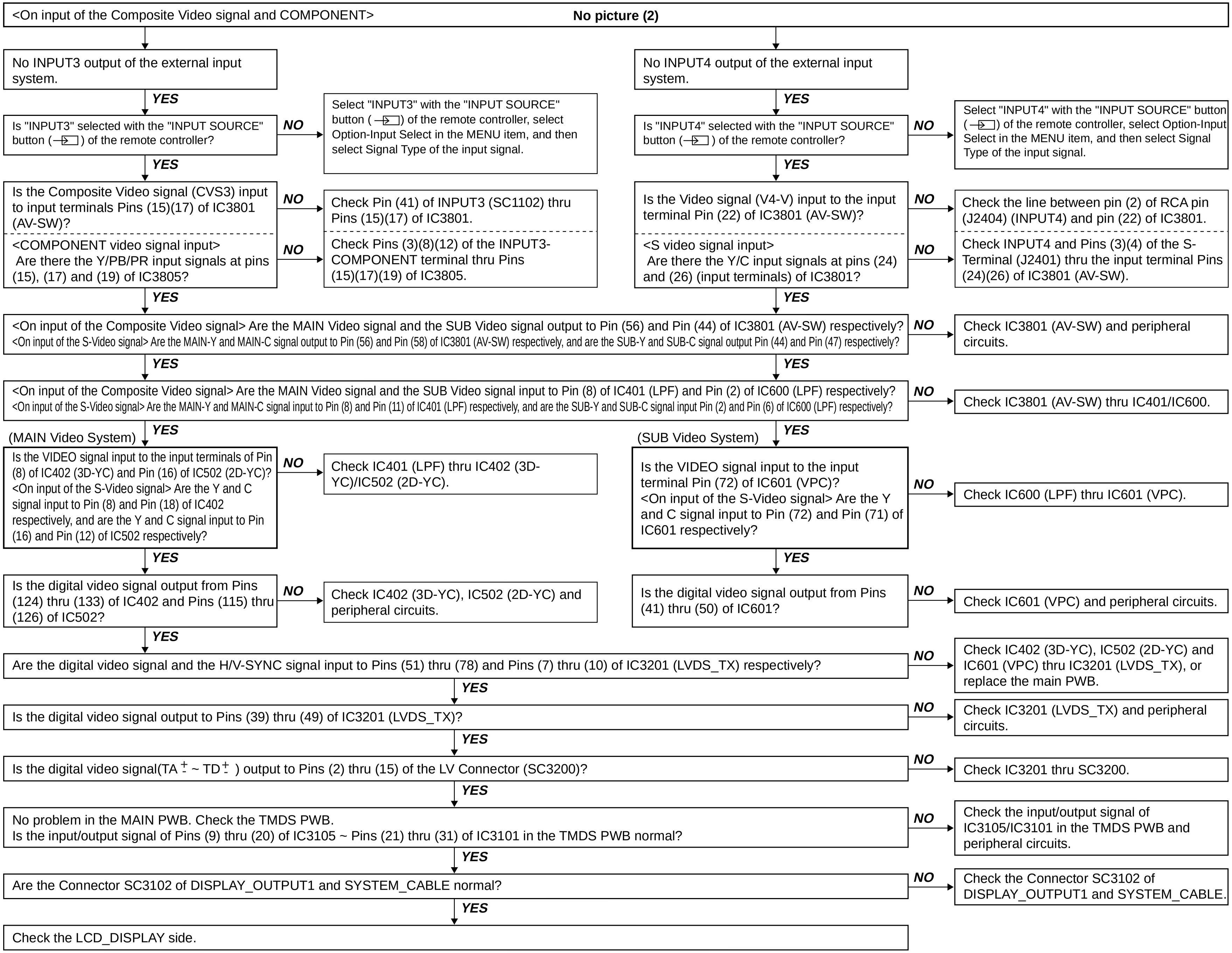
No sound (4) (Audio from external input terminals)


No audio signals input from INPUT1 thru INPUT4 Terminals.
Is the signal input from each terminal to IC3801 (AV-SW) normal?
YES
<INPUT1> Is the input signal (SL1/SR1) to Pins (2)(4) of IC3801 (AV-SW) normal?
<INPUT2> Is the input signal (SL2/SR2) to Pins (9)(11) of IC3801 (AV-SW) normal?
<INPUT3> Is the input signal (SL3/SR3) to Pins (16)(18) of IC3801 (AV-SW) normal?
<INPUT4> Is the input signal (V4L/V4R) to Pins (23)(25) of IC3801 (AV-SW) normal?
NO
Confirm Pins (2)(6) of SC1101 thru Pins (2)(4) of IC3801.
Confirm Pins (2)(6) of SC1102 thru Pins (9)(11) of IC3801.
Confirm Pins (23)(27) of SC1102 thru Pins (16)(18) of IC3801.
Confirm Pins (5)(7) of J2404 thru Pins (23)(25) of IC3801.
YES
Is the AUDIO output signal (MAIN-L/R) from Pins (52)(54) of IC3801 (AV-SW) normal?
NO
Replace IC3801 (AV-SW) or check peripheral circuits.
YES
Is the AUDIO input signal to Pins (56)(57) of IC2501 (MSP) normal?
YES
Check the outputs at pins (33), (34), (56) and (57) of IC2501 (MSP) and their peripheral circuits.
No audio signals input from the INPUT5 DVI-AUDIO Terminal.
<INPUT5> Is the input signal (PC-L/R) to Pins (29)(31) of IC3801 normal?
NO
Check the DVI-L/R signal between INPUT5-DV1-AUDIO-Terminal (J1900) and AD-Connector.
YES
Is the AUDIO output signal (MAIN-L/R) from Pins (52)(54) of IC3801 (AV-SW) normal?
NO
Replace IC3801 (AV-SW) or check peripheral circuits.
YES

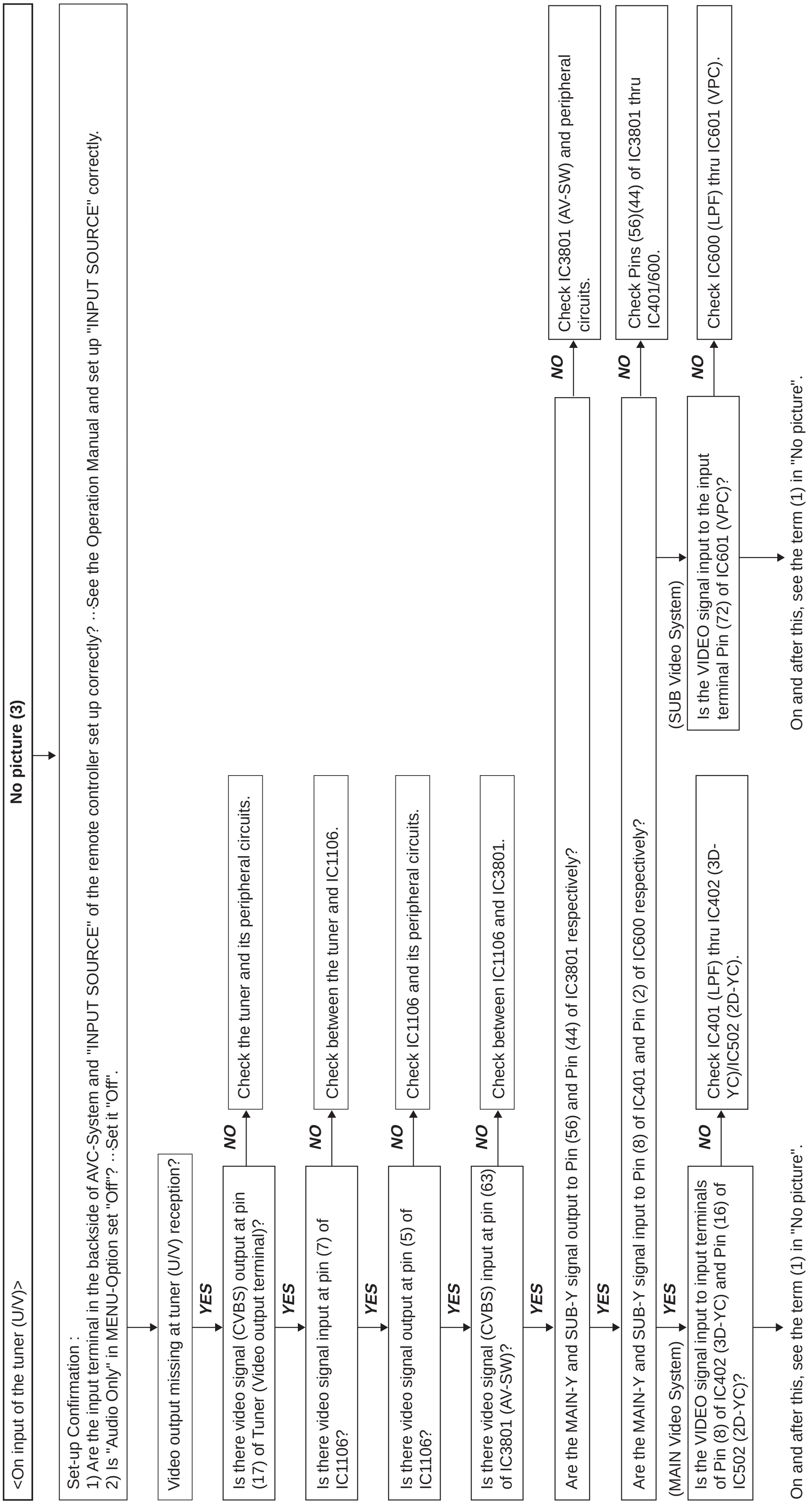
TROUBLE SHOOTING TABLE (Continued)


No picture (1)
No INPUT1 output of the external input system.
YES
Is "INPUT1" selected with the "INPUT SOURCE" button (⇥) of the remote controller?
NO
Select "INPUT1" with the "INPUT SOURCE" button (⇥) of the remote controller, select Option-Input Select in the MENU item, and then select Signal Type of the input signal.
YES
Is the Composite Video signal (CVS1) input to input terminals Pins (1)(3) of IC3801 (AV-SW)?
NO
Check Pin (20) of SCART1 (SC1101) thru Pins (1)(3) of IC3801.
YES
No INPUT2 output of the external input system.
YES
Is "INPUT2" selected with the "INPUT SOURCE" button (⇥) of the remote controller?
NO
Select "INPUT2" with the "INPUT SOURCE" button (⇥) of the remote controller, select Option-Input Select in the MENU item, and then select Signal Type of the input signal.
YES
Is the Composite Video signal (CVS2) input to input terminals Pins (8)(10) of IC3801 (AV-SW)?
NO
Check Pin (20) of SCART2 (SC1102) thru Pins (8)(10) of IC3801.
YES
<On input of the Composite Video signal>
Are MAIN-Video signal and SUB-Video signal output to Pins (56) and (44) of IC3801 (AV-SW) respectively?
NO
Check IC3801 (AV-SW) and peripheral circuits.
YES
<On input of the Composite Video signal>
Are MAIN-Video signal and SUB-Video signal input to Pin (8) of IC401 (LPF) and Pin (2) of IC600 (LPF) respectively?
NO
Check IC3801 (AV-SW) thru IC401/IC600.
YES
(MAIN Video System)
Is the VIDEO signal input to input terminals of Pin (8) of IC402 (3D-YC) and Pin (16) of IC502 (2D-YC)?
NO
Check IC401 (LPF) thru IC402 (3D-YC)/IC502 (2D-YC).
YES
Is the digital video signal output from Pins (124) thru (133) of IC402 and Pins (115) thru (126) of IC502?
NO
Check IC402 (3D-YC), IC502 (2D-YC) and peripheral circuits.
YES
(SUB Video System)
Is the VIDEO signal input to the input terminal Pin (72) of IC601 (VPC)?
NO
Check IC600 (LPF) thru IC601 (VPC).
YES
Is the digital video signal output from Pins (41) thru (50) of IC601?
NO
Check IC601 (VPC) and peripheral circuits.
YES
Are the digital video signal and H/V-SYNC signal input to Pins (51) thru (78) and Pins (7) thru (10) of IC3201 (LVDS_TX) respectively?
NO
Check IC402 (3D-YC), IC502 (2D-YC) and IC601 (VPC) thru IC3201 (LVDS_TX), or replace the main PWB.
YES
Is the digital video signal output to Pins (39) thru (49) of IC3201 (LVDS_TX)?
NO
Check IC3201 (LVDS_TX) and peripheral circuits.
YES
Is the digital video signal(TA+/- ~ TD+/-)output to Pins (2) thru (15) of LV Connector (SC3200)?
NO
Check IC3201 thru SC3200.
YES
No problem in the MAIN PWB. Check the TMDS PWB.
Is the input/output signal of Pins (9) thru (20) of IC3105 ~ Pins (21) thru (31) of IC3101 in the TMDS PWB normal?
NO
Check the input/output signal of IC3105/IC3101 in the TMDS PWB and peripheral circuits.
YES
Are the Connector SC3102 of DISPLAY_OUTPUT1 and the SYSTEM_CABLE normal?
NO
Check the Connector SC3102 of DISPLAY_OUTPUT1 and the SYSTEM_CABLE.
YES
Check the LCD_DISPLAY side.

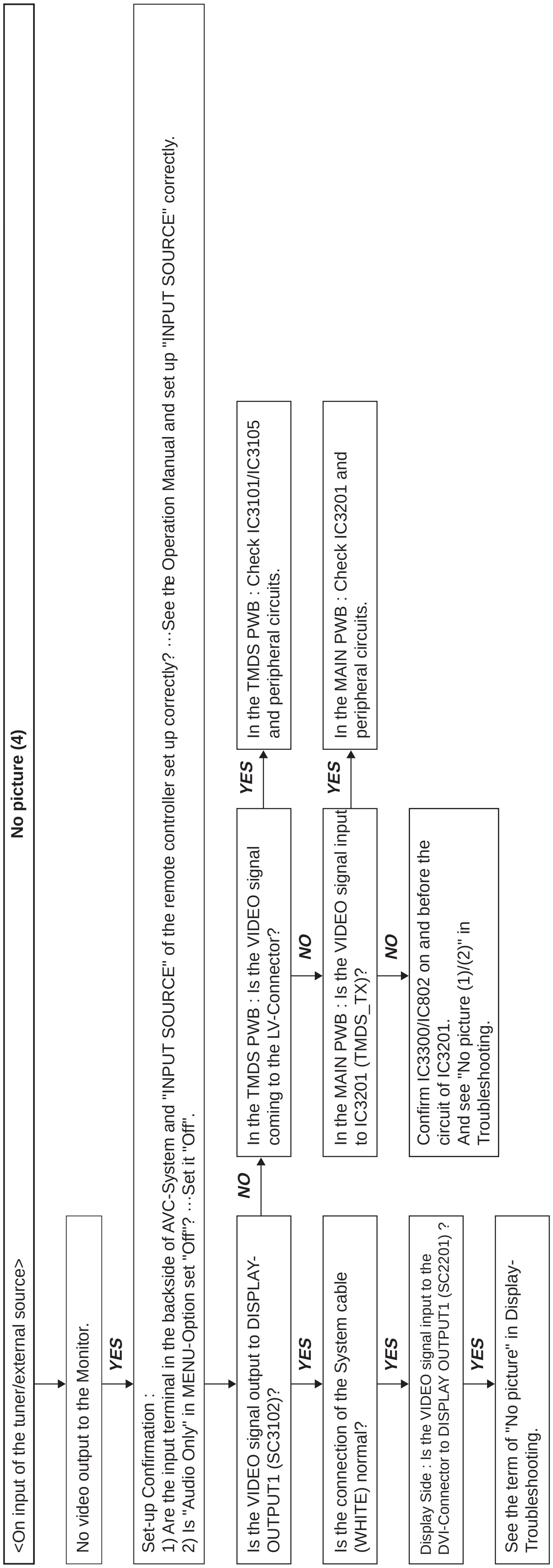
TROUBLE SHOOTING TABLE (Continued)


<On input of the Composite Video signal and COMPONENT>
No picture (2)
No INPUT3 output of the external input system.
YES
Is "INPUT3" selected with the "INPUT SOURCE" button (⇥) of the remote controller?
NO
Select "INPUT3" with the "INPUT SOURCE" button (⇥) of the remote controller, select Option-Input Select in the MENU item, and then select Signal Type of the input signal.
YES
Is the Composite Video signal (CVS3) input to input terminals Pins (15)(17) of IC3801 (AV-SW)?
NO
Check Pin (41) of INPUT3 (SC1102) thru Pins (15)(17) of IC3801.
<COMPONENT video signal input> Are there the Y/PB/PR input signals at pins (15), (17) and (19) of IC3805?
NO
Check Pins (3)(8)(12) of the INPUT3-COMPONENT terminal thru Pins (15)(17)(19) of IC3805.
YES
No INPUT4 output of the external input system.
YES
Is "INPUT4" selected with the "INPUT SOURCE" button (⇥) of the remote controller?
NO
Select "INPUT4" with the "INPUT SOURCE" button (⇥) of the remote controller, select Option-Input Select in the MENU item, and then select Signal Type of the input signal.
YES
Is the Video signal (V4-V) input to the input terminal Pin (22) of IC3801 (AV-SW)?
NO
Check the line between pin (2) of RCA pin (J2404) (INPUT4) and pin (22) of IC3801.
<S video signal input> Are there the Y/C input signals at pins (24) and (26) (input terminals) of IC3801?
NO
Check INPUT4 and Pins (3)(4) of the S-Terminal (J2401) thru the input terminal Pins (24)(26) of IC3801 (AV-SW).
YES
<On input of the Composite Video signal> Are the MAIN Video signal and the SUB Video signal output to Pin (56) and Pin (44) of IC3801 (AV-SW) respectively?
<On input of the S-Video signal> Are the MAIN-Y and MAIN-C signal output to Pin (56) and Pin (58) of IC3801 (AV-SW) respectively, and are the SUB-Y and SUB-C signal output Pin (44) and Pin (47) respectively?
NO
Check IC3801 (AV-SW) and peripheral circuits.
YES
YES
<On input of the Composite Video signal> Are the MAIN Video signal and the SUB Video signal input to Pin (8) of IC401 (LPF) and Pin (2) of IC600 (LPF) respectively?
<On input of the S-Video signal> Are the MAIN-Y and MAIN-C signal input to Pin (8) and Pin (11) of IC401 (LPF) respectively, and are the SUB-Y and SUB-C signal input Pin (2) and Pin (6) of IC600 (LPF) respectively?
NO
Check IC3801 (AV-SW) thru IC401/IC600.
(MAIN Video System)
YES
Is the VIDEO signal input to the input terminals of Pin (8) of IC402 (3D-YC) and Pin (16) of IC502 (2D-YC)? <On input of the S-Video signal> Are the Y and C signal input to Pin (8) and Pin (18) of IC402 respectively, and are the Y and C signal input to Pin (16) and Pin (12) of IC502 respectively?
NO
Check IC401 (LPF) thru IC402 (3D-YC)/IC502 (2D-YC).
YES
Is the digital video signal output from Pins (124) thru (133) of IC402 and Pins (115) thru (126) of IC502?
NO
Check IC402 (3D-YC), IC502 (2D-YC) and peripheral circuits.
YES
(SUB Video System)
YES
Is the VIDEO signal input to the input terminal Pin (72) of IC601 (VPC)? <On input of the S-Video signal> Are the Y and C signal input to Pin (72) and Pin (71) of IC601 respectively?
NO
Check IC600 (LPF) thru IC601 (VPC).
YES
Is the digital video signal output from Pins (41) thru (50) of IC601?
NO
Check IC601 (VPC) and peripheral circuits.
Are the digital video signal and the H/V-SYNC signal input to Pins (51) thru (78) and Pins (7) thru (10) of IC3201 (LVDS_TX) respectively?
NO
Check IC402 (3D-YC), IC502 (2D-YC) and IC601 (VPC) thru IC3201 (LVDS_TX), or replace the main PWB.
YES
Is the digital video signal output to Pins (39) thru (49) of IC3201 (LVDS_TX)?
NO
Check IC3201 (LVDS_TX) and peripheral circuits.
YES
Is the digital video signal(TA^{+}_{-} ~ TD^{+}_{-}) output to Pins (2) thru (15) of the LV Connector (SC3200)?
NO
Check IC3201 thru SC3200.
YES
No problem in the MAIN PWB. Check the TMDS PWB.
Is the input/output signal of Pins (9) thru (20) of IC3105 ~ Pins (21) thru (31) of IC3101 in the TMDS PWB normal?
NO
Check the input/output signal of IC3105/IC3101 in the TMDS PWB and peripheral circuits.
YES
Are the Connector SC3102 of DISPLAY_OUTPUT1 and SYSTEM_CABLE normal?
NO
Check the Connector SC3102 of DISPLAY_OUTPUT1 and SYSTEM_CABLE.
YES
Check the LCD_DISPLAY side.

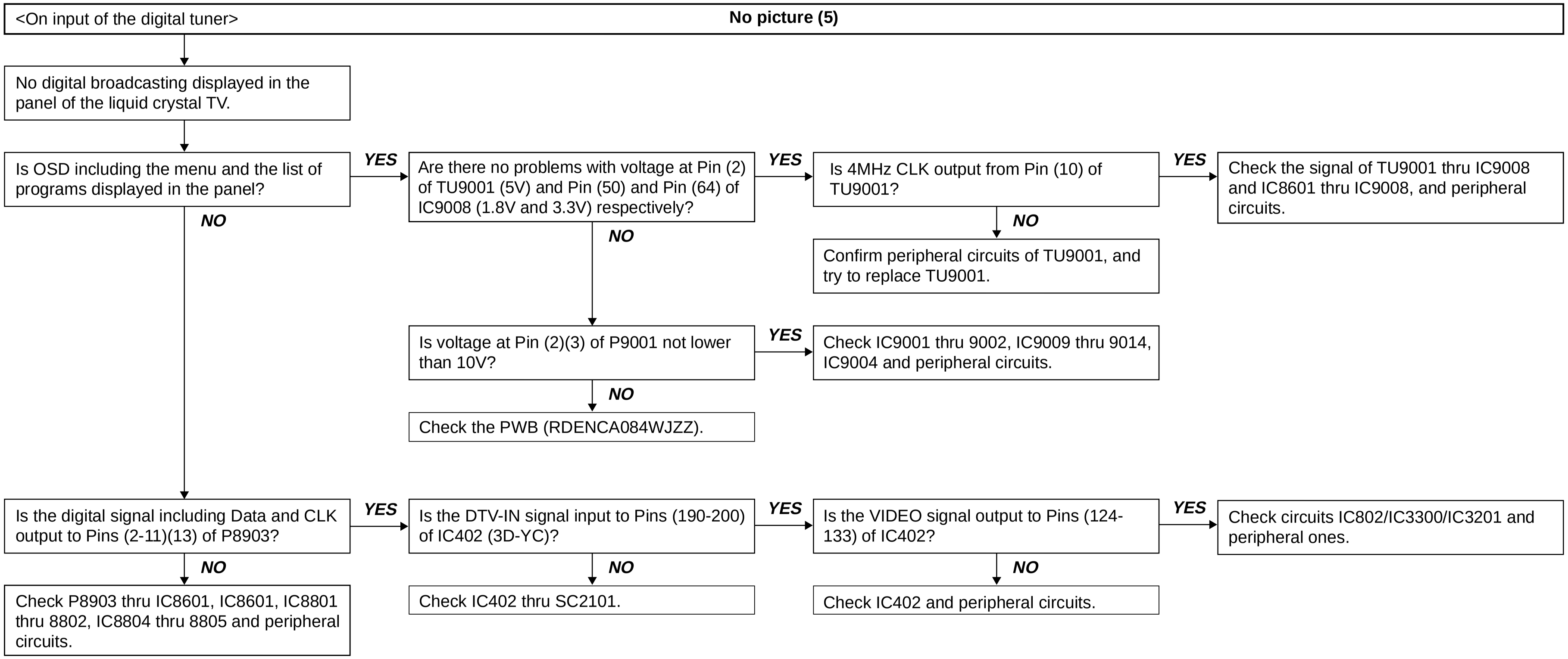
TROUBLE SHOOTING TABLE (Continued)


<On input of the tuner (U/V)>
No picture (3)
Set-up Confirmation :
1) Are the input terminal in the backside of AVC-System and "INPUT SOURCE" of the remote controller set up correctly? ··See the Operation Manual and set up "INPUT SOURCE" correctly.
2) Is "Audio Only" in MENU-Option set "Off"? ··Set it "Off".
Video output missing at tuner (U/V) reception?
YES
Is there video signal (CVBS) output at pin (17) of Tuner (Video output terminal)?
NO
Check the tuner and its peripheral circuits.
YES
Is there video signal input at pin (7) of IC1106?
NO
Check between the tuner and IC1106.
YES
Is there video signal output at pin (5) of IC1106?
NO
Check IC1106 and its peripheral circuits.
YES
Is there video signal (CVBS) input at pin (63) of IC3801 (AV-SW)?
NO
Check between IC1106 and IC3801.
YES
Are the MAIN-Y and SUB-Y signal output to Pin (56) and Pin (44) of IC3801 respectively?
NO
Check IC3801 (AV-SW) and peripheral circuits.
YES
Are the MAIN-Y and SUB-Y signal input to Pin (8) of IC401 and Pin (2) of IC600 respectively?
NO
Check Pins (56)(44) of IC3801 thru IC401/600.
YES
(MAIN Video System)
Is the VIDEO signal input to input terminals of Pin (8) of IC402 (3D-YC) and Pin (16) of IC502 (2D-YC)?
NO
Check IC401 (LPF) thru IC402 (3D-YC)/IC502 (2D-YC).
On and after this, see the term (1) in "No picture".
(SUB Video System)
Is the VIDEO signal input to the input terminal Pin (72) of IC601 (VPC)?
NO
Check IC600 (LPF) thru IC601 (VPC).
On and after this, see the term (1) in "No picture".

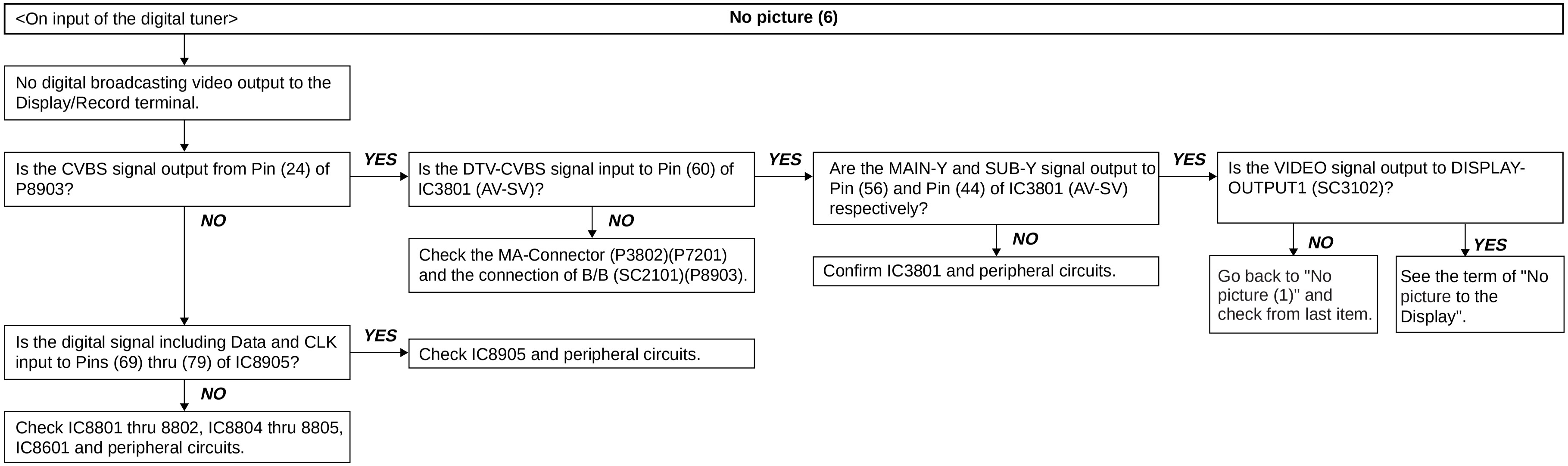
TROUBLE SHOOTING TABLE (Continued)


No picture (4)
<On input of the tuner/external source>
No video output to the Monitor.
YES
Set-up Confirmation :
1) Are the input terminal in the backside of AVC-System and "INPUT SOURCE" of the remote controller set up correctly? …See the Operation Manual and set up "INPUT SOURCE" correctly.
2) Is "Audio Only" in MENU-Option set "Off"? …Set it "Off".
Is the VIDEO signal output to DISPLAY-OUTPUT1 (SC3102)?
NO
In the TMDS PWB : Is the VIDEO signal coming to the LV-Connector?
YES
In the TMDS PWB : Check IC3101/IC3105 and peripheral circuits.
NO
In the MAIN PWB : Is the VIDEO signal input to IC3201 (TMDS_TX)?
YES
In the MAIN PWB : Check IC3201 and peripheral circuits.
NO
Confirm IC3300/IC802 on and before the circuit of IC3201.
And see "No picture (1)/(2)" in Troubleshooting.
YES
Is the connection of the System cable (WHITE) normal?
YES
Display Side : Is the VIDEO signal input to the DVI-Connector to DISPLAY OUTPUT1 (SC2201) ?
YES
See the term of "No picture" in Display-Troubleshooting.

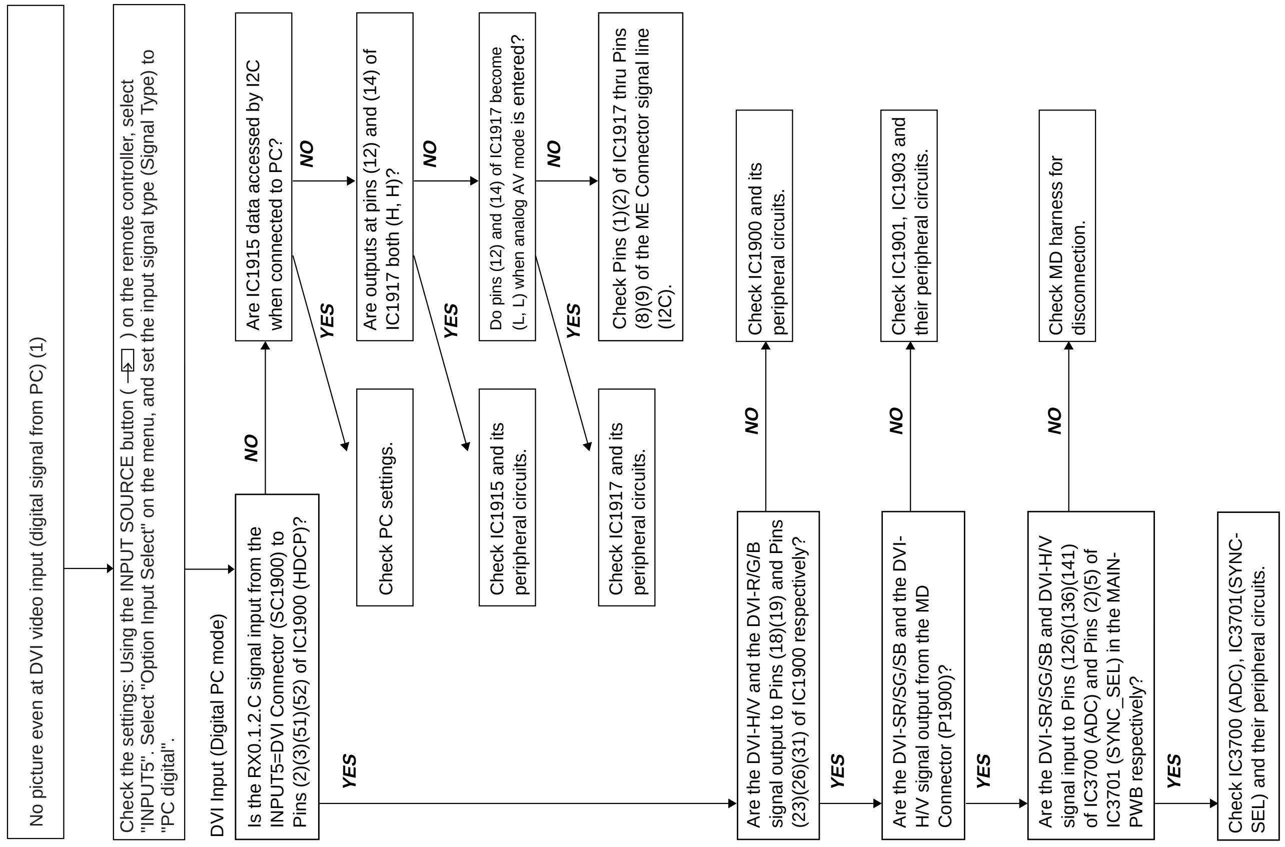
TROUBLE SHOOTING TABLE (Continued)


<On input of the digital tuner>
No picture (5)
No digital broadcasting displayed in the panel of the liquid crystal TV.
Is OSD including the menu and the list of programs displayed in the panel?
YES
Are there no problems with voltage at Pin (2) of TU9001 (5V) and Pin (50) and Pin (64) of IC9008 (1.8V and 3.3V) respectively?
YES
Is 4MHz CLK output from Pin (10) of TU9001?
YES
Check the signal of TU9001 thru IC9008 and IC8601 thru IC9008, and peripheral circuits.
NO
Confirm peripheral circuits of TU9001, and try to replace TU9001.
NO
Is voltage at Pin (2)(3) of P9001 not lower than 10V?
YES
Check IC9001 thru 9002, IC9009 thru 9014, IC9004 and peripheral circuits.
NO
Check the PWB (RDENCA084WJZZ).
NO
Is the digital signal including Data and CLK output to Pins (2-11)(13) of P8903?
YES
Is the DTV-IN signal input to Pins (190-200) of IC402 (3D-YC)?
YES
Is the VIDEO signal output to Pins (124-133) of IC402?
YES
Check circuits IC802/IC3300/IC3201 and peripheral ones.
NO
Check IC402 and peripheral circuits.
NO
Check IC402 thru SC2101.
NO
Check P8903 thru IC8601, IC8601, IC8801 thru 8802, IC8804 thru 8805 and peripheral circuits.

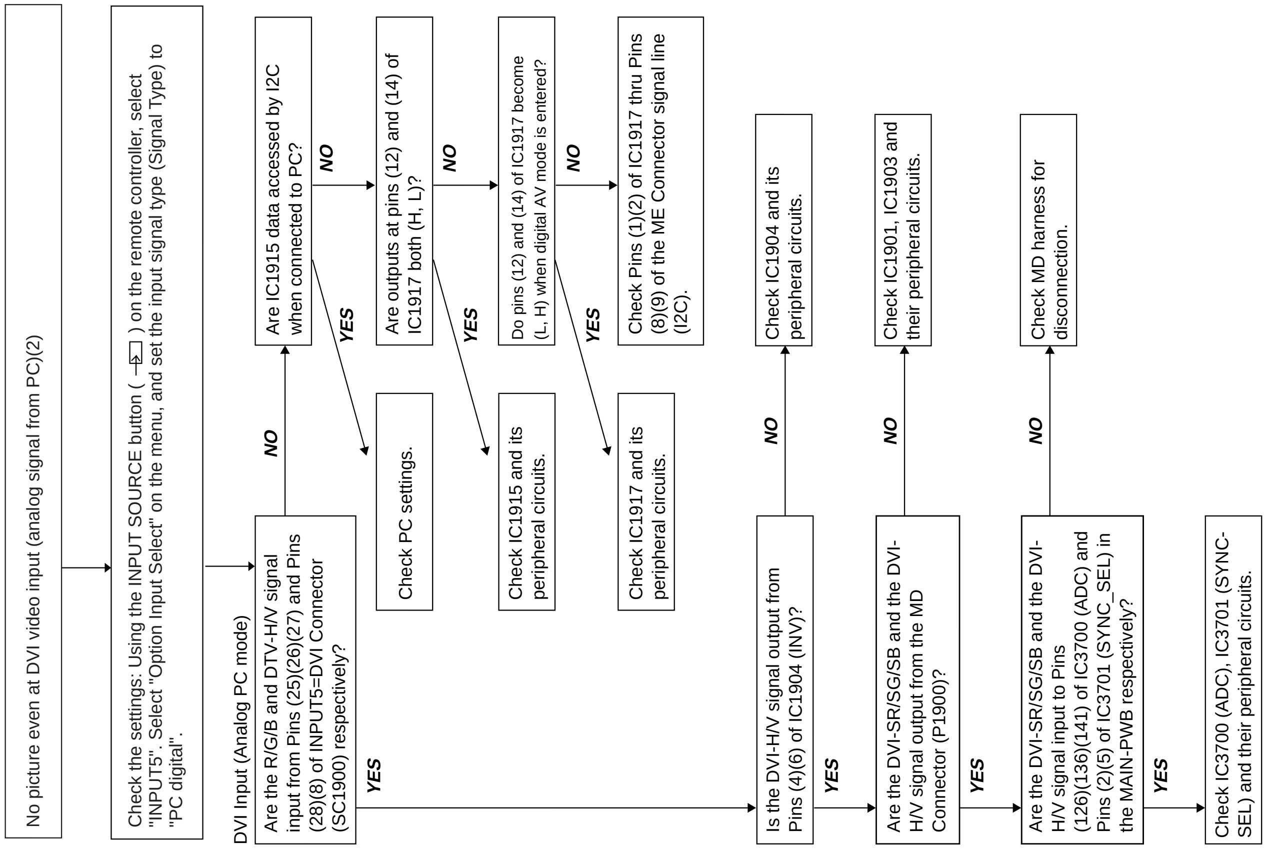
(Addition from an Engineering 4 technical document)


<On input of the digital tuner>
No picture (6)
No digital broadcasting video output to the Display/Record terminal.
Is the CVBS signal output from Pin (24) of P8903?
YES
Is the DTV-CVBS signal input to Pin (60) of IC3801 (AV-SV)?
YES
Are the MAIN-Y and SUB-Y signal output to Pin (56) and Pin (44) of IC3801 (AV-SV) respectively?
YES
Is the VIDEO signal output to DISPLAY-OUTPUT1 (SC3102)?
NO
Go back to "No picture (1)" and check from last item.
YES
See the term of "No picture to the Display".
NO
Confirm IC3801 and peripheral circuits.
NO
Check the MA-Connector (P3802)(P7201) and the connection of B/B (SC2101)(P8903).
NO
Is the digital signal including Data and CLK input to Pins (69) thru (79) of IC8905?
YES
Check IC8905 and peripheral circuits.
NO
Check IC8801 thru 8802, IC8804 thru 8805, IC8601 and peripheral circuits.

TROUBLE SHOOTING TABLE (Continued)

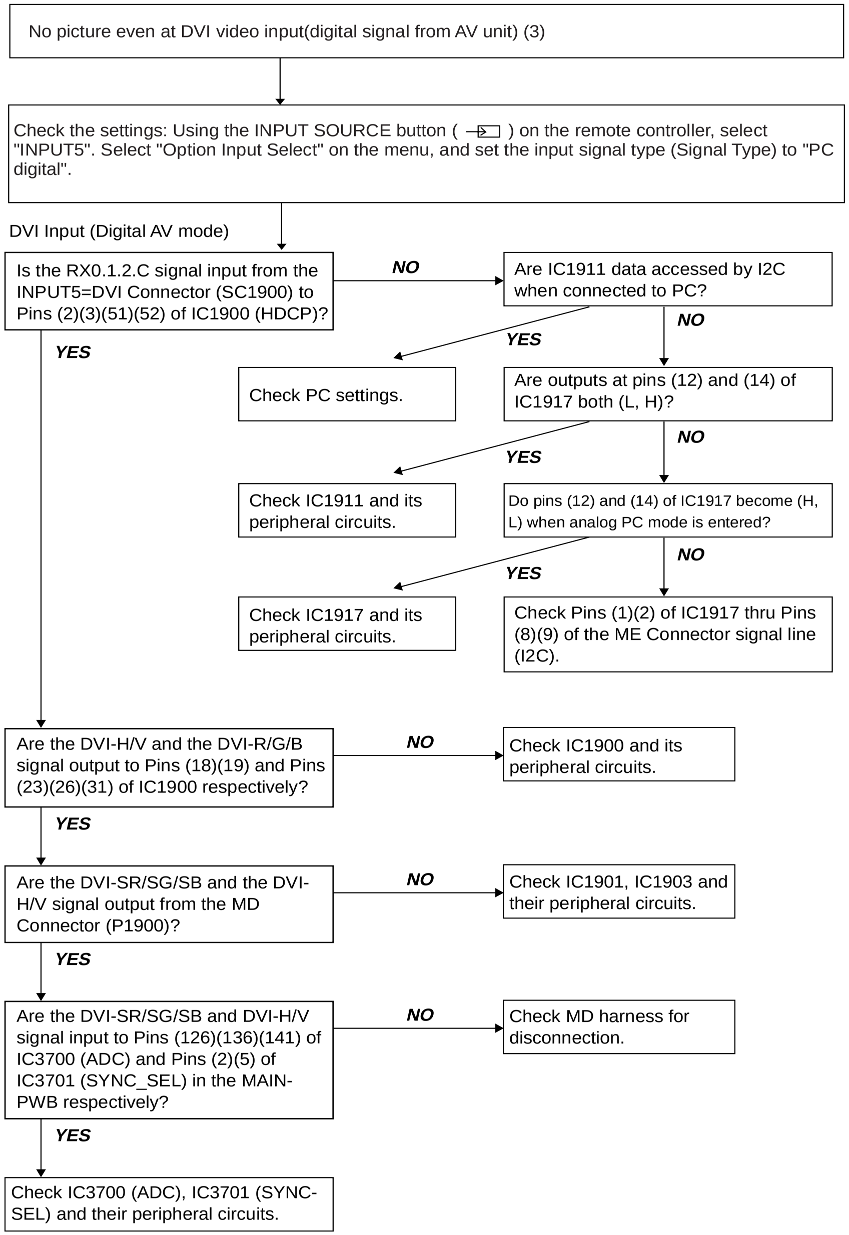

No picture even at DVI video input (digital signal from PC) (1)
Check the settings: Using the INPUT SOURCE button ( ) on the remote controller, select "INPUT5". Select "Option Input Select" on the menu, and set the input signal type (Signal Type) to "PC digital".
DVI Input (Digital PC mode)
Is the RX0.1.2.C signal input from the INPUT5=DVI Connector (SC1900) to Pins (2)(3)(51)(52) of IC1900 (HDCP)?
NO
Are IC1915 data accessed by I2C when connected to PC?
YES
Check PC settings.
NO
Are outputs at pins (12) and (14) of IC1917 both (H, H)?
YES
Check IC1915 and its peripheral circuits.
NO
Do pins (12) and (14) of IC1917 become (L, L) when analog AV mode is entered?
YES
Check IC1917 and its peripheral circuits.
NO
Check Pins (1)(2) of IC1917 thru Pins (8)(9) of the ME Connector signal line (I2C).
YES
Are the DVI-H/V and the DVI-R/G/B signal output to Pins (18)(19) and Pins (23)(26)(31) of IC1900 respectively?
NO
Check IC1900 and its peripheral circuits.
YES
Are the DVI-SR/SG/SB and the DVI-H/V signal output from the MD Connector (P1900)?
NO
Check IC1901, IC1903 and their peripheral circuits.
YES
Are the DVI-SR/SG/SB and DVI-H/V signal input to Pins (126)(136)(141) of IC3700 (ADC) and Pins (2)(5) of IC3701 (SYNC_SEL) in the MAIN-PWB respectively?
NO
Check MD harness for disconnection.
YES
Check IC3700 (ADC), IC3701(SYNC-SEL) and their peripheral circuits.

42-1


No picture even at DVI video input (analog signal from PC)(2)
Check the settings: Using the INPUT SOURCE button ( ) on the remote controller, select "INPUT5". Select "Option Input Select" on the menu, and set the input signal type (Signal Type) to "PC digital".
DVI Input (Analog PC mode)
Are the R/G/B and DTV-H/V signal input from Pins (25)(26)(27) and Pins (28)(8) of INPUT5=DVI Connector (SC1900) respectively?
NO
Are IC1915 data accessed by I2C when connected to PC?
YES
Check PC settings.
NO
Are outputs at pins (12) and (14) of IC1917 both (H, L)?
YES
Check IC1915 and its peripheral circuits.
NO
Do pins (12) and (14) of IC1917 become (L, H) when digital AV mode is entered?
YES
Check IC1917 and its peripheral circuits.
NO
Check Pins (1)(2) of IC1917 thru Pins (8)(9) of the ME Connector signal line (I2C).
YES
Is the DVI-H/V signal output from Pins (4)(6) of IC1904 (INV)?
NO
Check IC1904 and its peripheral circuits.
YES
Are the DVI-SR/SG/SB and the DVI-H/V signal output from the MD Connector (P1900)?
NO
Check IC1901, IC1903 and their peripheral circuits.
YES
Are the DVI-SR/SG/SB and the DVI-H/V signal input to Pins (126)(136)(141) of IC3700 (ADC) and Pins (2)(5) of IC3701 (SYNC_SEL) in the MAIN-PWB respectively?
NO
Check MD harness for disconnection.
YES
Check IC3700 (ADC), IC3701 (SYNC-SEL) and their peripheral circuits.

42-2

TROUBLE SHOOTING TABLE (Continued)



No picture even at DVI video input(digital signal from AV unit) (3)

Check the settings: Using the INPUT SOURCE button (⇥) on the remote controller, select "INPUT5". Select "Option Input Select" on the menu, and set the input signal type (Signal Type) to "PC digital".

DVI Input (Digital AV mode)

Is the RX0.1.2.C signal input from the INPUT5=DVI Connector (SC1900) to Pins (2)(3)(51)(52) of IC1900 (HDCP)?

Are IC1911 data accessed by I2C when connected to PC?

Check PC settings.

Are outputs at pins (12) and (14) of IC1917 both (L, H)?

Check IC1911 and its peripheral circuits.

Do pins (12) and (14) of IC1917 become (H, L) when analog PC mode is entered?

Check IC1917 and its peripheral circuits.

Check Pins (1)(2) of IC1917 thru Pins (8)(9) of the ME Connector signal line (I2C).

Are the DVI-H/V and the DVI-R/G/B signal output to Pins (18)(19) and Pins (23)(26)(31) of IC1900 respectively?

Check IC1900 and its peripheral circuits.

Are the DVI-SR/SG/SB and the DVI-H/V signal output from the MD Connector (P1900)?

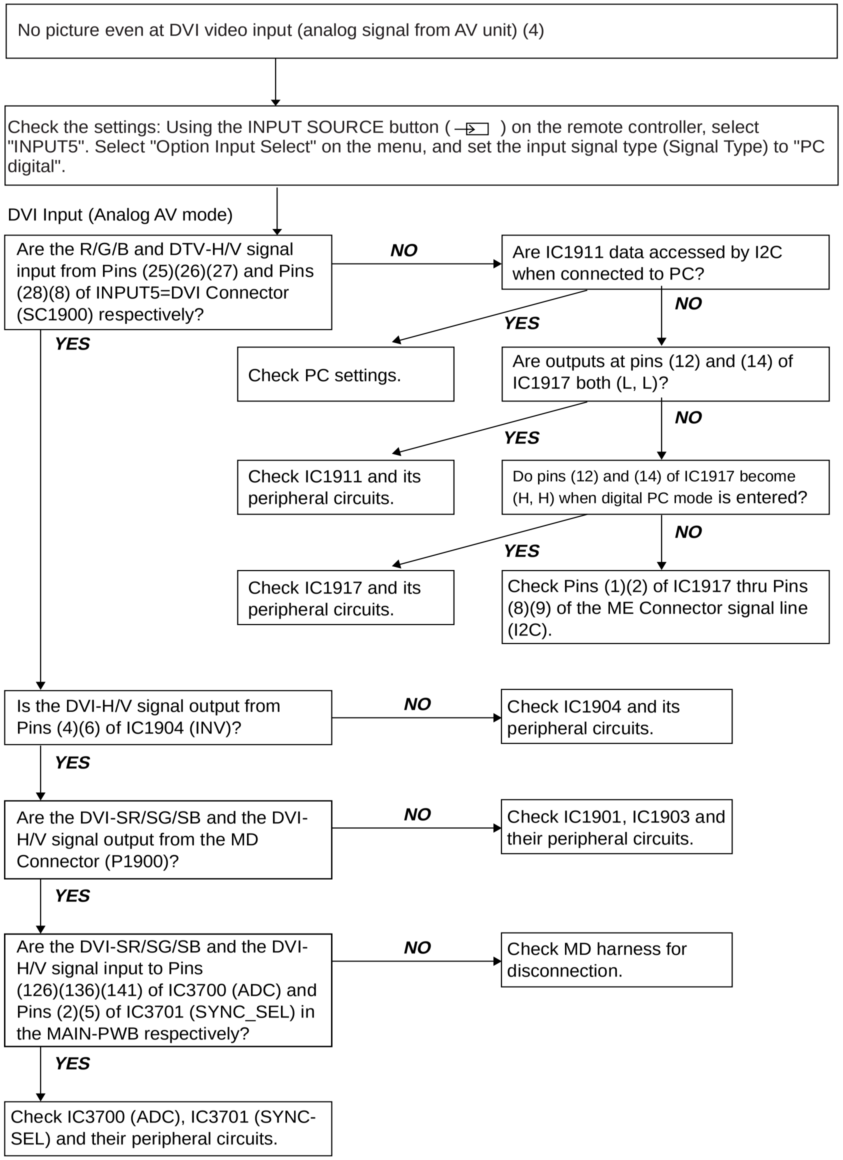
Check IC1901, IC1903 and their peripheral circuits.

Are the DVI-SR/SG/SB and DVI-H/V signal input to Pins (126)(136)(141) of IC3700 (ADC) and Pins (2)(5) of IC3701 (SYNC_SEL) in the MAIN-PWB respectively?

Check MD harness for disconnection.

Check IC3700 (ADC), IC3701 (SYNC-SEL) and their peripheral circuits.

43-1



No picture even at DVI video input (analog signal from AV unit) (4)

Check the settings: Using the INPUT SOURCE button (⇥) on the remote controller, select "INPUT5". Select "Option Input Select" on the menu, and set the input signal type (Signal Type) to "PC digital".

DVI Input (Analog AV mode)

Are the R/G/B and DTV-H/V signal input from Pins (25)(26)(27) and Pins (28)(8) of INPUT5=DVI Connector (SC1900) respectively?

Are IC1911 data accessed by I2C when connected to PC?

Check PC settings.

Are outputs at pins (12) and (14) of IC1917 both (L, L)?

Check IC1911 and its peripheral circuits.

Do pins (12) and (14) of IC1917 become (H, H) when digital PC mode is entered?

Check IC1917 and its peripheral circuits.

Check Pins (1)(2) of IC1917 thru Pins (8)(9) of the ME Connector signal line (I2C).

Is the DVI-H/V signal output from Pins (4)(6) of IC1904 (INV)?

Check IC1904 and its peripheral circuits.

Are the DVI-SR/SG/SB and the DVI-H/V signal output from the MD Connector (P1900)?

Check IC1901, IC1903 and their peripheral circuits.

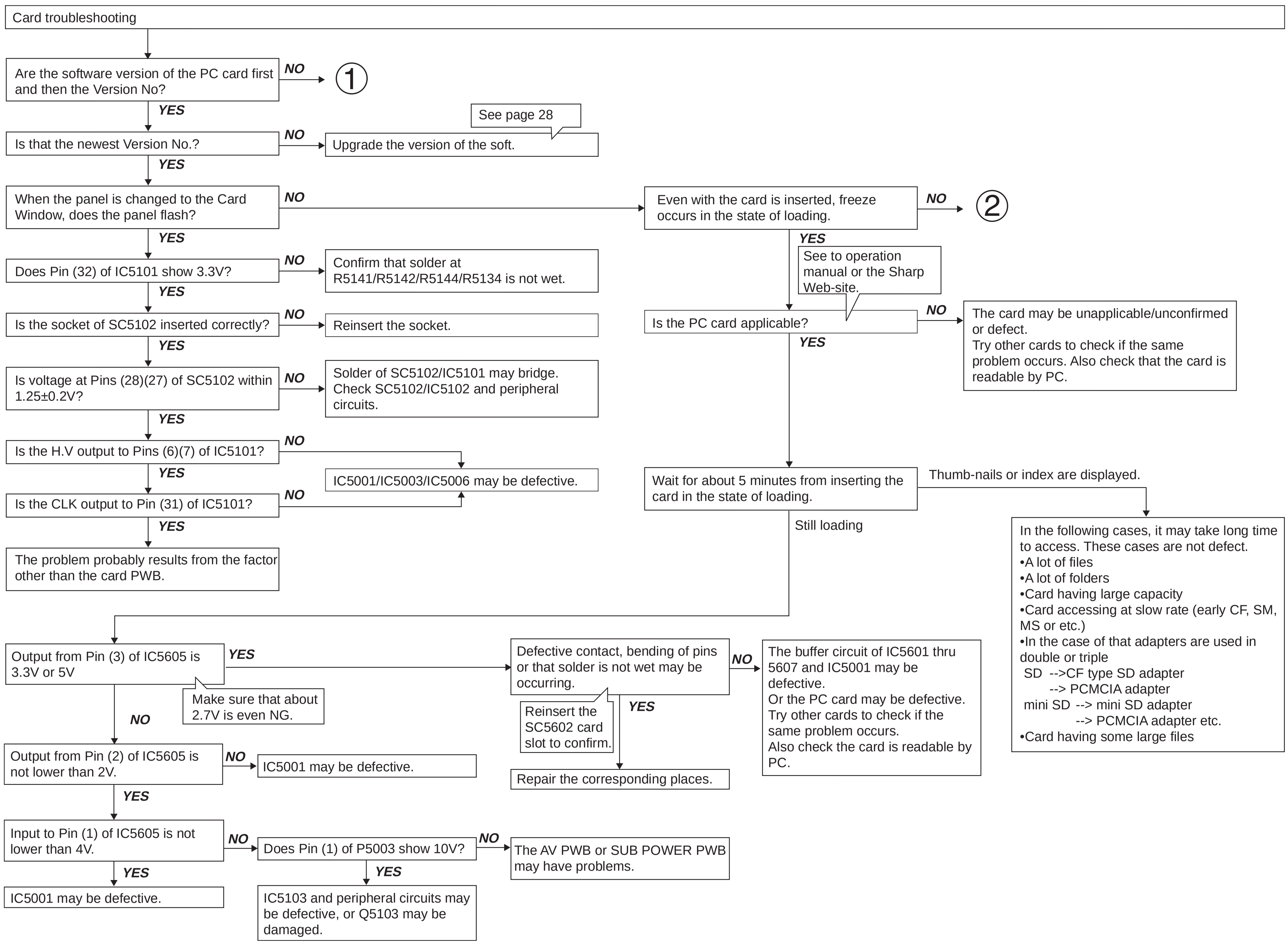
Are the DVI-SR/SG/SB and the DVI-H/V signal input to Pins (126)(136)(141) of IC3700 (ADC) and Pins (2)(5) of IC3701 (SYNC_SEL) in the MAIN-PWB respectively?

Check MD harness for disconnection.

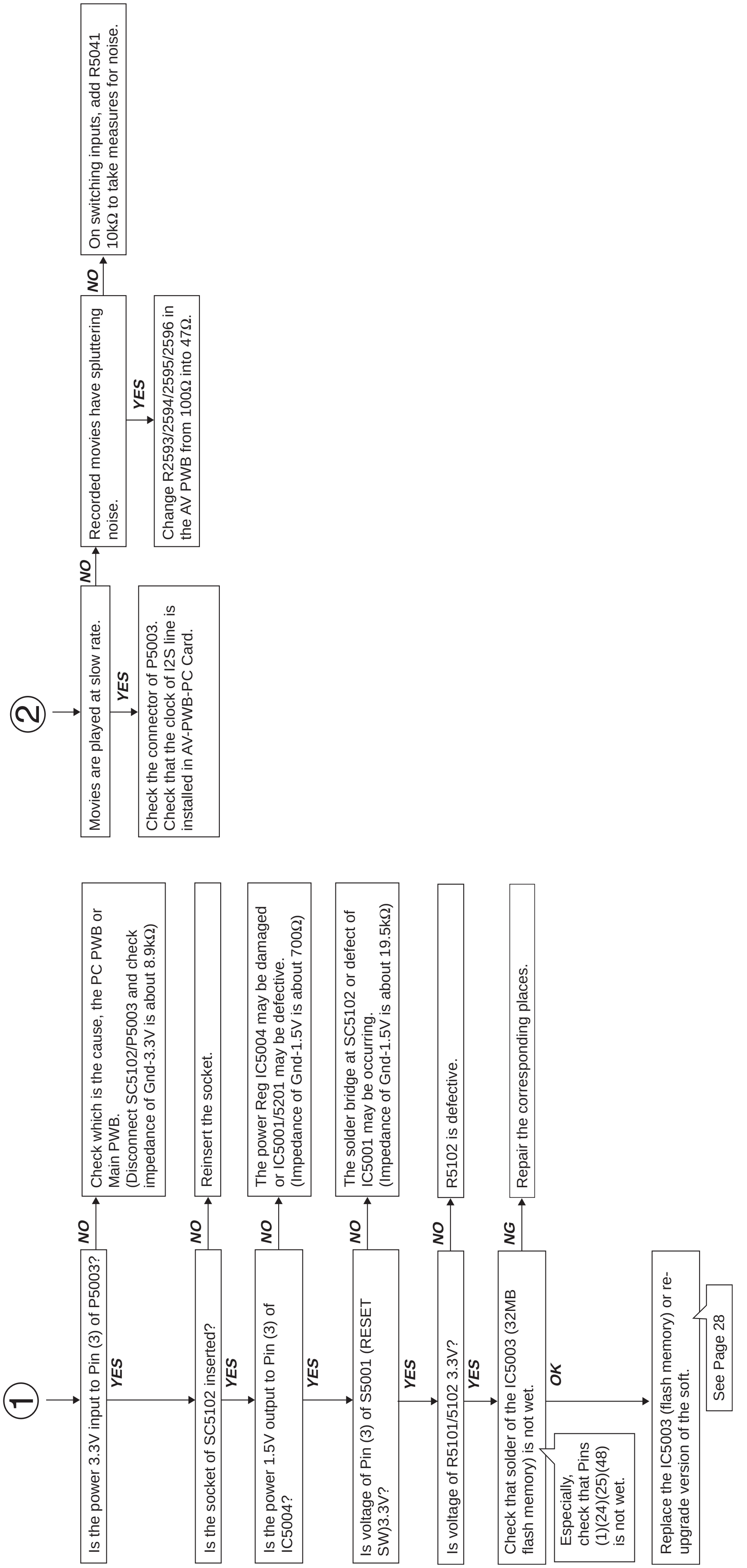
Check IC3700 (ADC), IC3701 (SYNC-SEL) and their peripheral circuits.

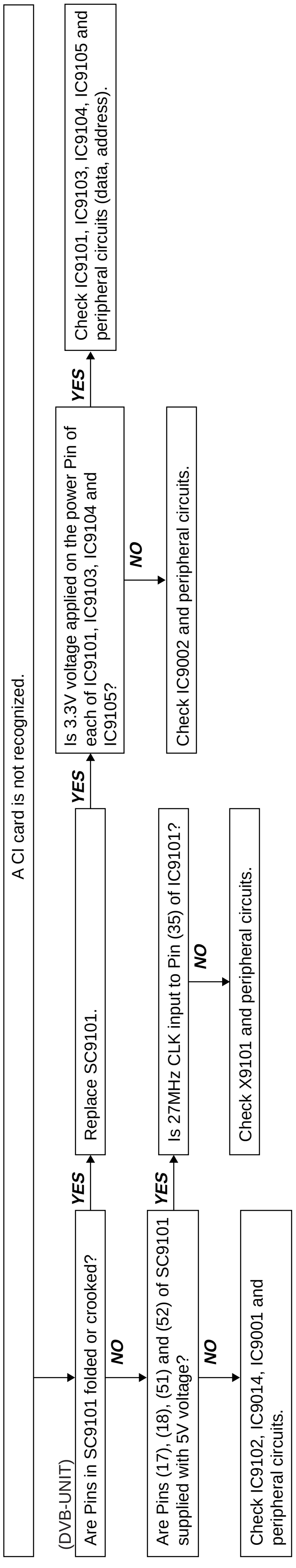
43-2

TROUBLE SHOOTING TABLE (Continued)

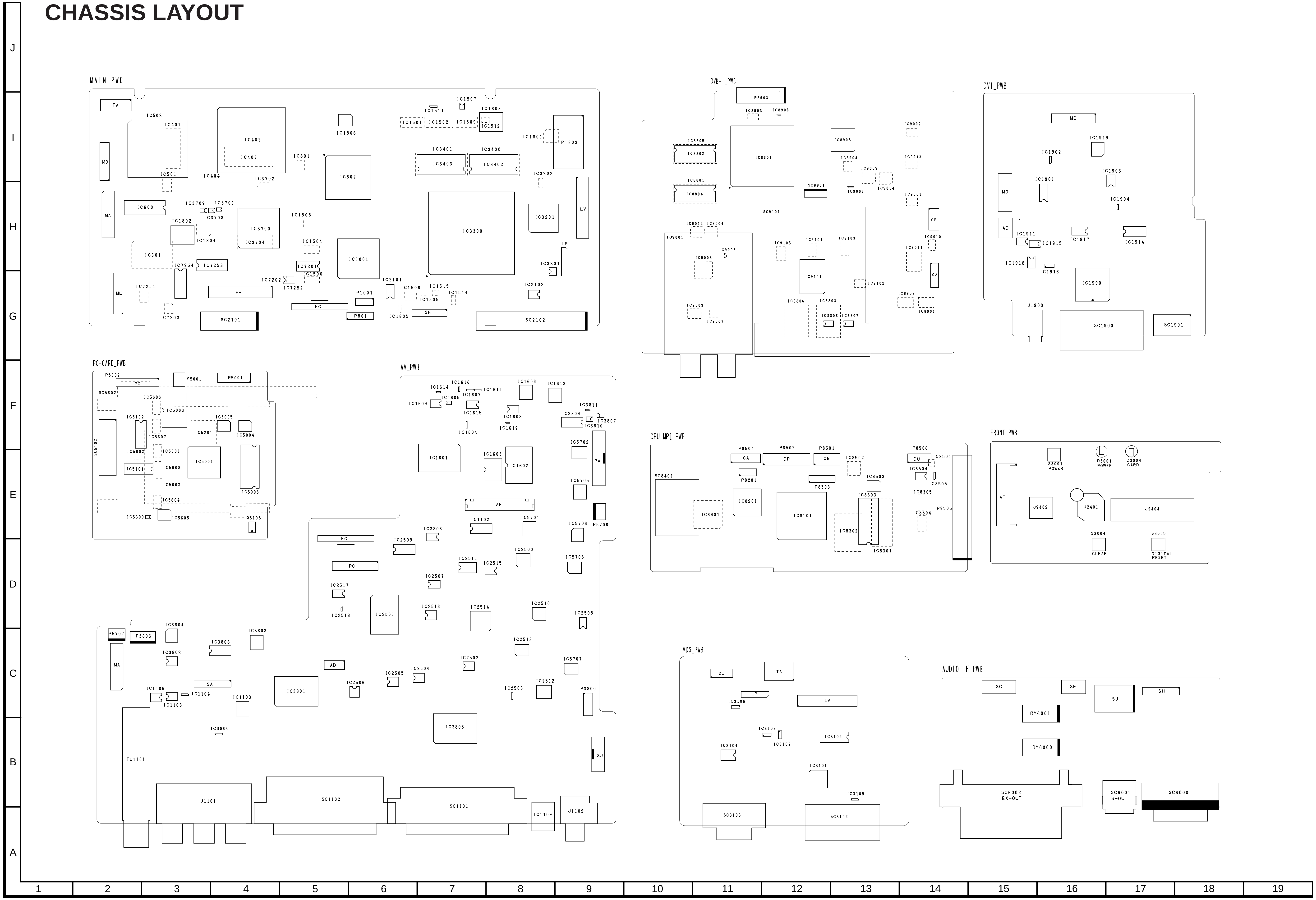

Card troubleshooting
Are the software version of the PC card first and then the Version No?
NO
①
YES
Is that the newest Version No.?
NO
Upgrade the version of the soft.
See page 28
YES
When the panel is changed to the Card Window, does the panel flash?
NO
YES
Does Pin (32) of IC5101 show 3.3V?
NO
Confirm that solder at R5141/R5142/R5144/R5134 is not wet.
YES
Is the socket of SC5102 inserted correctly?
NO
Reinsert the socket.
YES
Is voltage at Pins (28)(27) of SC5102 within 1.25±0.2V?
NO
Solder of SC5102/IC5101 may bridge. Check SC5102/IC5102 and peripheral circuits.
YES
Is the H.V output to Pins (6)(7) of IC5101?
NO
IC5001/IC5003/IC5006 may be defective.
YES
Is the CLK output to Pin (31) of IC5101?
NO
YES
The problem probably results from the factor other than the card PWB.
Even with the card is inserted, freeze occurs in the state of loading.
NO
②
YES
See to operation manual or the Sharp Web-site.
Is the PC card applicable?
NO
The card may be unapplicable/unconfirmed or defect. Try other cards to check if the same problem occurs. Also check that the card is readable by PC.
YES
Wait for about 5 minutes from inserting the card in the state of loading.
Thumb-nails or index are displayed.
In the following cases, it may take long time to access. These cases are not defect.
•A lot of files
•A lot of folders
•Card having large capacity
•Card accessing at slow rate (early CF, SM, MS or etc.)
•In the case of that adapters are used in double or triple
SD -->CF type SD adapter
--> PCMCIA adapter
mini SD --> mini SD adapter
--> PCMCIA adapter etc.
•Card having some large files
Still loading
Output from Pin (3) of IC5605 is 3.3V or 5V
YES
Make sure that about 2.7V is even NG.
Defective contact, bending of pins or that solder is not wet may be occurring.
NO
The buffer circuit of IC5601 thru 5607 and IC5001 may be defective. Or the PC card may be defective. Try other cards to check if the same problem occurs. Also check the card is readable by PC.
Reinsert the SC5602 card slot to confirm.
YES
Repair the corresponding places.
NO
Output from Pin (2) of IC5605 is not lower than 2V.
NO
IC5001 may be defective.
YES
Input to Pin (1) of IC5605 is not lower than 4V.
NO
Does Pin (1) of P5003 show 10V?
NO
The AV PWB or SUB POWER PWB may have problems.
YES
IC5103 and peripheral circuits may be defective, or Q5103 may be damaged.
YES
IC5001 may be defective.

TROUBLE SHOOTING TABLE (Continued)


①
Is the power 3.3V input to Pin (3) of P5003?
YES
NO
Check which is the cause, the PC PWB or Main PWB. (Disconnect SC5102/P5003 and check impedance of Gnd-3.3V is about 8.9kΩ)
Is the socket of SC5102 inserted?
YES
NO
Reinsert the socket.
Is the power 1.5V output to Pin (3) of IC5004?
YES
NO
The power Reg IC5004 may be damaged or IC5001/5201 may be defective. (Impedance of Gnd-1.5V is about 700Ω)
Is voltage of Pin (3) of S5001 (RESET SW)3.3V?
YES
NO
The solder bridge at SC5102 or defect of IC5001 may be occurring. (Impedance of Gnd-1.5V is about 19.5kΩ)
Is voltage of R5101/5102 3.3V?
YES
NO
R5102 is defective.
Check that solder of the IC5003 (32MB flash memory) is not wet.
Especially, check that Pins (1)(24)(25)(48) is not wet.
OK
NG
Repair the corresponding places.
Replace the IC5003 (flash memory) or re-upgrade version of the soft.
See Page 28
②
Movies are played at slow rate.
YES
Check the connector of P5003. Check that the clock of I2S line is installed in AV-PWB-PC Card.
NO
Recorded movies have spluttering noise.
YES
Change R2593/2594/2595/2596 in the AV PWB from 100Ω into 47Ω.
NO
On switching inputs, add R5041 10kΩ to take measures for noise.


A CI card is not recognized.
(DVB-UNIT)
Are Pins in SC9101 folded or crooked?
YES
Replace SC9101.
YES
Is 3.3V voltage applied on the power Pin of each of IC9101, IC9103, IC9104 and IC9105?
YES
Check IC9101, IC9103, IC9104, IC9105 and peripheral circuits (data, address).
NO
Check IC9002 and peripheral circuits.
NO
Are Pins (17), (18), (51) and (52) of SC9101 supplied with 5V voltage?
YES
Is 27MHz CLK input to Pin (35) of IC9101?
NO
Check X9101 and peripheral circuits.
NO
Check IC9102, IC9014, IC9001 and peripheral circuits.

CHASSIS LAYOUT


J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
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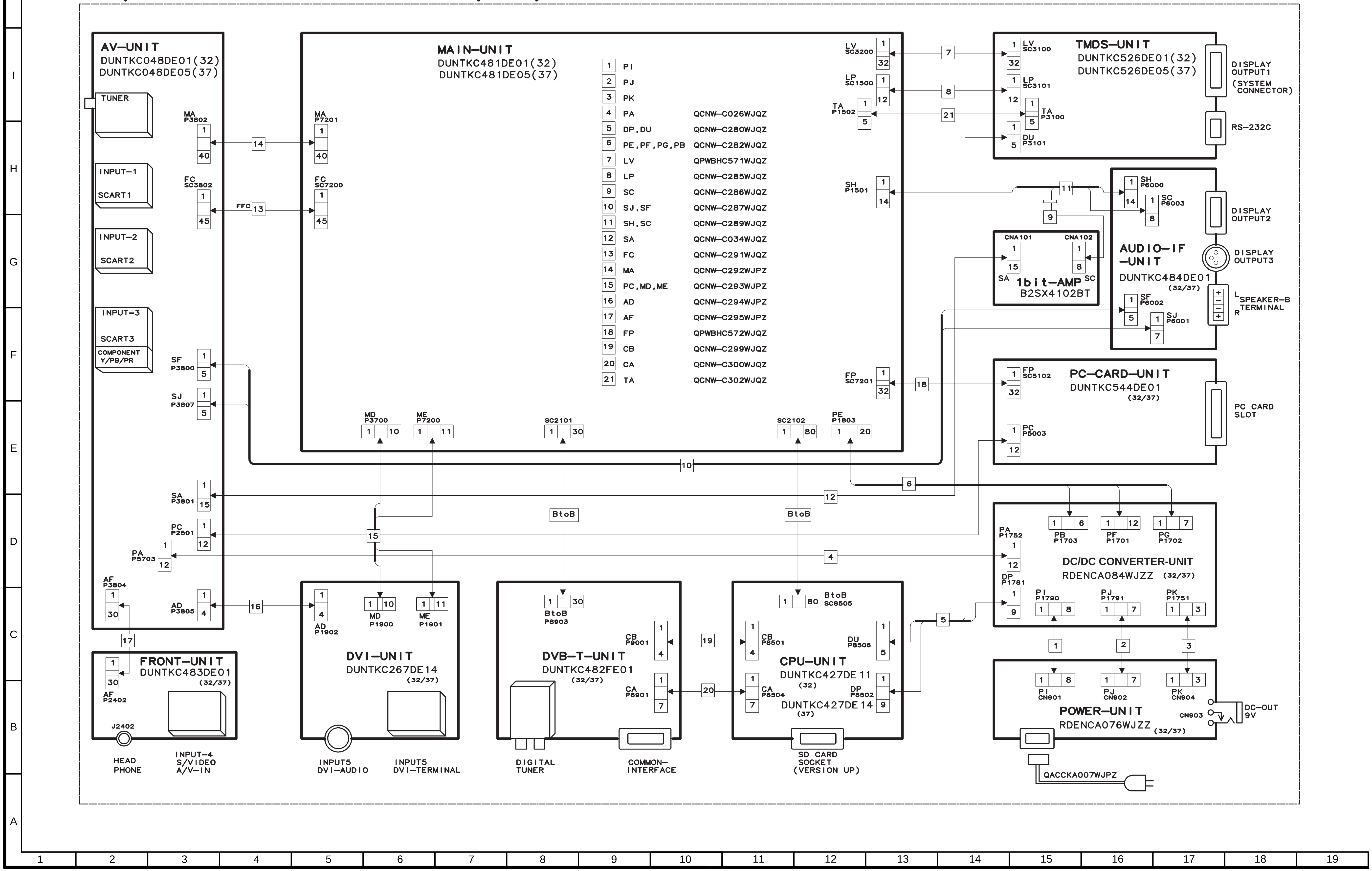
9
10
11
12
13
14
15
16
17
18
19
MAIN_PWB
TA
MD
MA
ME
IC401
IC402
IC403
IC501
IC502
IC600
IC601
IC801
IC802
IC1001
IC1806
IC1801
P1803
IC3300
IC3201
IC3400
IC3401
IC3402
IC3403
IC3700
IC3704
FP
FC
SH
SC2101
SC2102
P801
P1001
LV
LP
DVB-T_PWB
P8903
IC8601
IC8802
IC8804
IC8905
SC8801
SC9101
TU9001
IC9101
CB
CA
DVI_PWB
ME
MD
AD
IC1900
J1900
SC1900
SC1901
PC-CARD_PWB
P5002
PC
S5001
P5001
SC5602
SC5102
IC5003
IC5001
IC5006
IC5201
AV_PWB
IC1601
IC1602
IC1603
AF
PA
P5706
FC
PC
IC2501
IC2514
AD
SA
IC3801
IC3805
P5707
P3806
MA
TU1101
J1101
SC1102
SC1101
IC1109
J1102
P3800
SJ
CPU_MPI_PWB
P8504
P8502
P8501
P8506
CA
DP
CB
DU
SC8401
IC8401
IC8201
IC8101
IC8302
IC8301
IC8303
P8201
P8503
P8505
FRONT_PWB
S3001
POWER
D3001
POWER
D3004
CARD
AF
J2402
J2401
J2404
S3004
CLEAR
S3005
DIGITAL
RESET
TMDS_PWB
DU
TA
LP
LV
IC3105
IC3101
IC3104
SC3103
SC3102
AUDIO_IF_PWB
SC
SF
SJ
SH
RY6001
RY6000
SC6002
EX-OUT
SC6001
S-OUT
SC6000

OVERALL WIRING DIARAM

32/37GD1E WIRING—DIAGRAM(AVC)


AV—UNIT
DUNTKC048DE01(32)
DUNTKC048DE05(37)
TUNER
INPUT—1
SCART1
INPUT—2
SCART2
INPUT—3
SCART3
COMPONENT Y/PB/PR
MA P3802
FC SC3802
SF P3800
SJ P3807
SA P3801
PC P2501
PA P5703
AF P3804
AD P3805
FFC
MAIN—UNIT
DUNTKC481DE01(32)
DUNTKC481DE05(37)
MA P7201
FC SC7200
MD P3700
ME P7200
SC2101
SC2102
PE P1803
LV SC3200
LP SC1500
TA P1502
SH P1501
FP SC7201
TMDS—UNIT
DUNTKC526DE01(32)
DUNTKC526DE05(37)
LV SC3100
LP SC3101
TA P3100
DU P3101
DISPLAY OUTPUT1
(SYSTEM CONNECTOR)
RS—232C
AUDIO—IF —UNIT
DUNTKC484DE01
(32/37)
SH P6000
SC P6003
SF P6002
SJ P6001
DISPLAY OUTPUT2
DISPLAY OUTPUT3
L SPEAKER—B TERMINAL R
CNA101
CNA102
SA
SC
1bit—AMP
B2SX4102BT
PC—CARD—UNIT
DUNTKC544DE01
(32/37)
FP SC5102
PC P5003
PC CARD SLOT
DC/DC CONVERTER-UNIT
RDENCA084WJZZ (32/37)
PA P1752
DP P1781
PB P1703
PF P1701
PG P1702
PI P1790
PJ P1791
PK P1751
POWER—UNIT
RDENCA076WJZZ (32/37)
PI CN901
PJ CN902
PK CN904
CN903
DC—OUT 9V
QACCKA007WJPZ
FRONT—UNIT
DUNTKC483DE01
(32/37)
AF P2402
J2402
HEAD PHONE
INPUT—4 S/VIDEO A/V—IN
DVI—UNIT
DUNTKC267DE14
(32/37)
AD P1902
MD P1900
ME P1901
INPUT5 DVI—AUDIO
INPUT5 DVI—TERMINAL
DVB—T—UNIT
DUNTKC482FE01
(32/37)
BtoB P8903
CB P9001
CA P8901
DIGITAL TUNER
COMMON— INTERFACE
CPU—UNIT
DUNTKC427DE11
(32)
DUNTKC427DE14
(37)
BtoB SC8505
CB P8501
CA P8504
DU P8506
DP P8502
SD CARD SOCKET (VERSION UP)
BtoB
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
J
I
H
G
F
E
D
C
B
A
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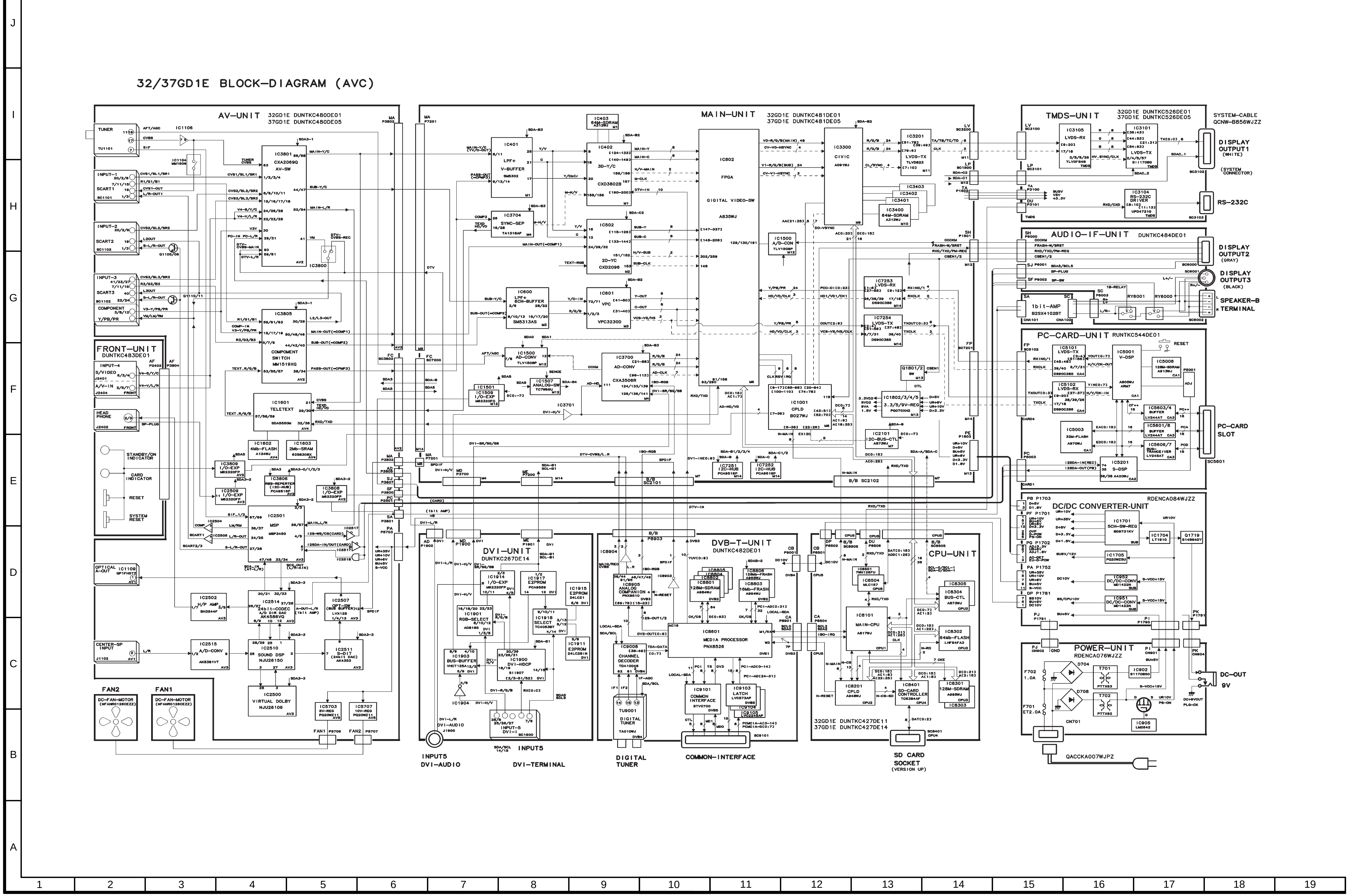
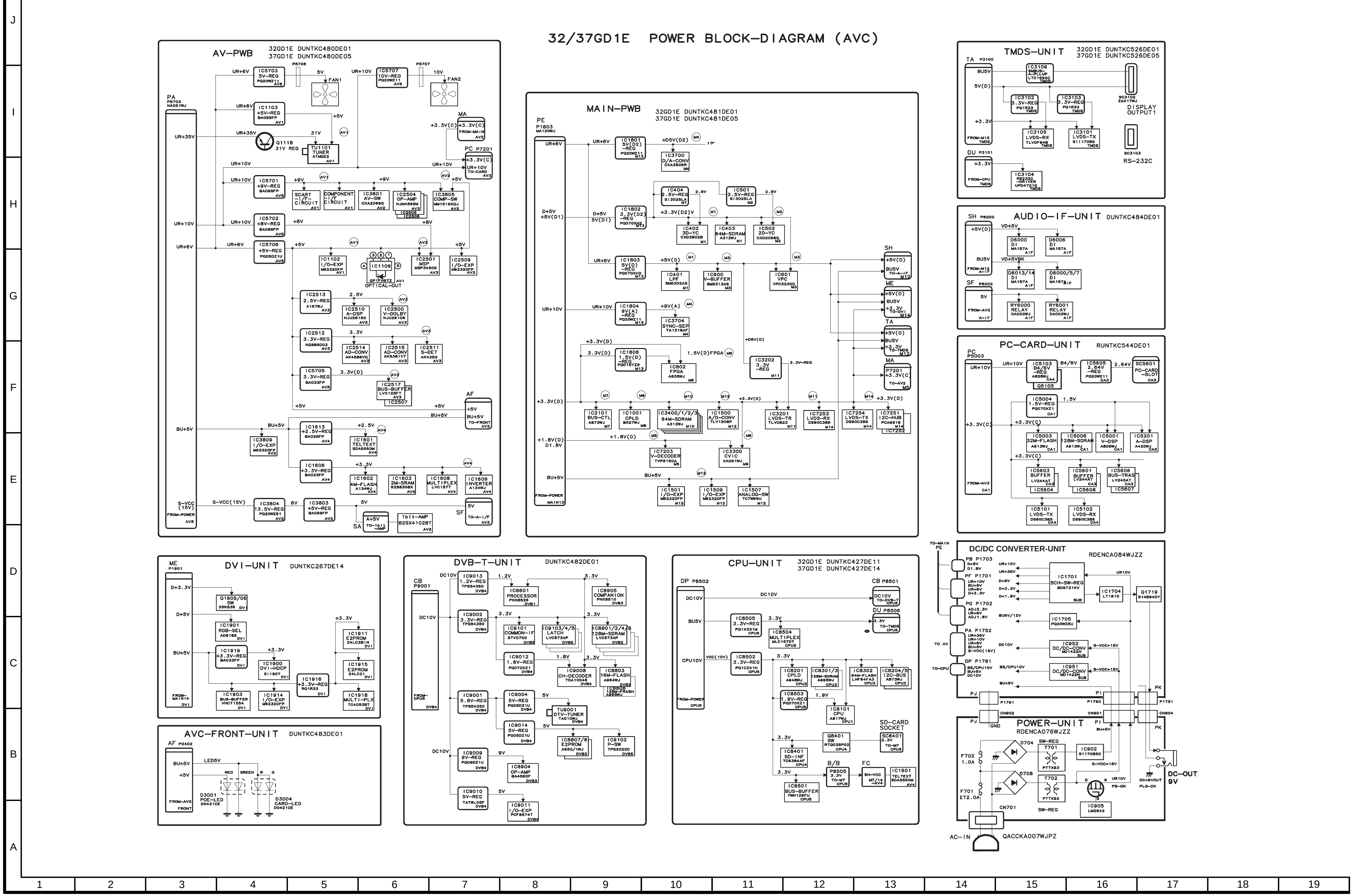
19

1	PI	
2	PJ	
3	PK	
4	PA	QCNW—C026WJQZ
5	DP,DU	QCNW—C280WJQZ
6	PE,PF,PG,PB	QCNW—C282WJQZ
7	LV	QPWBHC571WJQZ
8	LP	QCNW—C285WJQZ
9	SC	QCNW—C286WJQZ
10	SJ,SF	QCNW—C287WJQZ
11	SH,SC	QCNW—C289WJQZ
12	SA	QCNW—C034WJQZ
13	FC	QCNW—C291WJQZ
14	MA	QCNW—C292WJPZ
15	PC,MD,ME	QCNW—C293WJPZ
16	AD	QCNW—C294WJPZ
17	AF	QCNW—C295WJPZ
18	FP	QPWBHC572WJQZ
19	CB	QCNW—C299WJQZ
20	CA	QCNW—C300WJQZ
21	TA	QCNW—C302WJQZ

MAIN BLOCK DIAGRAM


32/37GD1E BLOCK-DIAGRAM (AVC)
AV-UNIT 32GD1E DUNTKC480DE01 37GD1E DUNTKC480DE05
TUNER
IC1106
IC3801 CXA2069Q AV-SW
IC3800
IC3805 COMPONENT SWITCH MM1519XQ
INPUT-1
SCART1
INPUT-2
SCART2
INPUT-3
SCART3
COMPONENT
FRONT-UNIT DUNTKC483DE01
INPUT-4 S/VIDEO A/V-IN
HEAD PHONE
STANDBY/ON INDICATOR
CARD INDICATOR
RESET
SYSTEM RESET
IC1601 TELETEXT SDA5550M
IC1602 4Mb-FLASH
IC1603 2Mb-SRAM
IC3609 I/O-EXP M62320FP
IC3806 RGB-REPEATER (I2C-HUB) PCA9516P
IC2509 I/O-EXP M62320FP
IC3808 I/O-EXP M62320FP
IC2501 MSP MSP3450
OPTICAL A-OUT
IC1109
IC2502 H/P AMP BH3544F
IC2514 24bit-CODEC A/D DIR DAC AK4586VQ
IC2507 OPT-SW (BUS BUFFER) LVX125
CENTER-SP INPUT
IC2515 A/D-CONV AK5361VT
IC2510 SOUND DSP NJU26150
IC2511 S-DIT (24bit DAC) AK4353
IC2500 VIRTUAL DOLBY NJU26106
IC5703 5V-REG PQ20WZ11
IC5707 10V-REG PQ20WZ11
FAN2 DC-FAN-MOTOR (NFANR0126CEZZ)
FAN1 DC-FAN-MOTOR (NFANR0126CEZZ)
MAIN-UNIT 32GD1E DUNTKC481DE01 37GD1E DUNTKC481DE05
IC401 LPF+ V-BUFFER SM5302
IC403 64M-SDRAM
IC402 3D-Y/C CXD3802B
IC3704 SYNC-SEP TA1318AF
IC502 2D-YC CXD2096
IC600 LPF+ 6CH-BUFFER SM5313AS
IC601 VPC VPC3230D
IC1500 AD-CONV TLV1508P
IC1501 IC1509 I/O-EXP
IC1507 ANALOG-SW
IC3700 AD-CONV CXA3506R
IC3701
IC802 FPGA DIGITAL VIDEO-SW A835WJ
IC3300 CIVIC
IC3201 LVDS-TX
IC3403 IC3402 IC3401 IC3400 64M-SDRAM
IC1500 A/D-CON TLV1508P
IC7253 LVDS-RX
IC7254 LVDS-TX
IC1001 CPLD B027WJ
Q1801/2
IC1802/3/4/5 3.3/5/9V-REG
IC2101 I2C-BUS-CTL
IC7251 I2C-HUB PCA9516P
IC7252 I2C-HUB PCA9516P
B/B SC2101
B/B SC2102
TMDS-UNIT 32GD1E DUNTKC526DE01 37GD1E DUNTKC526DE05
IC3105 LVDS-RX
IC3101 LVDS-TX
IC3104 RS-232C DRIVER
SYSTEM-CABLE QCNW-B856WJZZ
DISPLAY OUTPUT1 (WHITE)
(SYSTEM CONNECTOR)
RS-232C
AUDIO-IF-UNIT DUNTKC484DE01
DISPLAY OUTPUT2 (GRAY)
DISPLAY OUTPUT3 (BLACK)
1bit-AMP
SPEAKER-B TERMINAL
PC-CARD-UNIT RUNTKC544DE01
IC5101 LVDS-TX
IC5102 LVDS-RX
IC5001 V-DSP
IC5006 128M-SDRAM
IC5003 32M-FLASH
IC5603/4 BUFFER
IC5601/8 BUFFER
IC5606/7 BUS-TRANCEIVER
IC5201 S-DSP
PC-CARD SLOT
DC/DC CONVERTER-UNIT RDENCA084WJZZ
IC1701 5CH-SW-REG
IC1704
Q1719
IC1705
IC952 DC/DC-CONV
IC951 DC/DC-CONV
POWER-UNIT RDENCA076WJZZ
F702 1.0A
F701 ET2.0A
D704
D708
T701
T702
IC902
IC905
CN701
DC-OUT 9V
QACCKA007WJPZ
DVI-UNIT DUNTKC267DE14
IC1914 I/O-EXP
IC1917 E2PROM
IC1915 E2PROM
IC1903 RGB-SELECT
IC1918 SELECT
IC1911 E2PROM
IC1903 BUS-BUFFER
IC1900 DVI-HDCP SII907
IC1904
INPUT-5 DVI-I
INPUT5 DVI-AUDIO
INPUT5 DVI-TERMINAL
DVB-T-UNIT DUNTKC482DE01
IC8904
IC8905 ANALOG COMPANION
IC8801 128M-SDRAM
IC8803 16Mb-FLASH
IC8601 MEDIA PROCESSOR PNX8526
IC9008 CHANNEL DECODER TDA10046
TU9001 DIGITAL TUNER
IC9101 COMMON INTERFACE
IC9103 LATCH
DIGITAL TUNER
COMMON-INTERFACE
CPU-UNIT
IC8504
IC8305
IC8304 BUS-CTL
IC8101 MAIN-CPU
IC8302 64Mb-FLASH
IC8201 CPLD
IC8401 SD-CARD CONTROLLER
IC8301 128M-SDRAM
IC8303
32GD1E DUNTKC427DE11 37GD1E DUNTKC427DE14
SD CARD SOCKET (VERSION UP)
J I H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

POWER BLOCK DIAGRAM


32/37GD1E POWER BLOCK-DIAGRAM (AVC)
AV-PWB 32GD1E DUNTKC480DE01 37GD1E DUNTKC480DE05
PA P8703 NA051WJ
UR+35V
UR+10V
UR+6V
BU+5V
S-VCC (15V)
FROM-POWER AV5
IC5703 5V-REG PQ20WZ11 AV5
FAN1
IC5707 10V-REG PQ20WZ11 AV5
FAN2
IC1103 +5V-REG BA05SFP AV1
Q1118 31V REG
TU1101 TUNER ATMQZ2 AV1
MA +3.3V(C) FROM-MAIN AV2
PC P7201 +3.3V(C) UR+10V TO-CARD AV3
IC5701 +9V-REG BA09SFP AV5
SCART I/F-CIRCUIT AV1
COMPONENT I/F CIRCUIT AV1
IC3801 AV-SW CXA2069Q AV2
IC2504 OP-AMP NJM4565M AV3
IC2505 IC2506
IC3805 COMP-SW MM1519XQJ AV2
IC5702 +8V-REG BA08SFP AV5
IC5706 +5V-REG PQ050Z1U AV5
IC1102 I/O-EXP M62320FP AV1
IC1109 GP1FN5TZ AV1 OPTICAL-OUT
IC2501 MSP MSP3450G AV3
IC2509 I/O-EXP M62320FP AV3
IC2513 2.5V-REG A167WJ AV3
IC2510 A-DSP NJU26150 AV3
IC2500 V-DOLBY NJU26106 AV3
IC2512 3.3V-REG N2885003 AV3
IC2514 AD-CONV AK5386VQ AV3
IC2515 AD-CONV AK5381VT AV3
IC2511 S-DET AK4353 AV3
IC5705 3.3V-REG BA033FP AV5
IC2517 BUS-BUFFER LVX125FT AV3 IC2507
AF +5V BU+5V TO-FRONT AV2
IC3809 I/O-EXP M62320FP AV2
IC1613 +2.5V-REG BA025FP AV4
IC1601 TELTEXT SDA5550M AV4
IC1606 +3.3V-REG BA033FP AV4
IC1602 4M-FLASH A134WJ AV4
IC1603 2M-SRAM 628308X AV4
IC1608 MULTIPLEX LVC157T AV4
IC1609 INVERTER A134WJ AV4
IC3804 13.5V-REG PQ20WZ51 AV2
IC3803 +5V-REG BA05SFP AV2
SF 5V TO-A-I/F AV2
SA A+5V TO-1bit-AMP
1bit-AMP B2SX4102BT AV2
MAIN-PWB 32GD1E DUNTKC481DE01 37GD1E DUNTKC481DE05
PE P1803 MA120WJ
UR+6V
D+5V +5V(D1)
UR+10V
+3.3V(D)
+1.8V(D) D1.8V
BU+5V
FROM-POWER MAIN13
IC1801 5V(D2) -REG PQ20WZ11 M13
IC3700 D/A-CONV CXA3506R M4
IC404 2.5V-REG SI3025LA M1
IC501 2.5V-REG SI3025LA M2
IC1802 3.3V(D2) -REG PQ070XH2 M13
IC402 3D-YC CXD3602B M1
IC403 64M-SDRAM A312WJ M1
IC502 2D-YC CXD2095Q M2
IC1803 5V(D) -REG PQ070XH2 M13
IC401 LPF SM5302AS M1
IC600 V-BUFFER SM5313AS M3
IC601 VPC VPC3230D M3
IC1804 9V(A) -REG PQ20WZ11 M13
IC3704 SYNC-SEP TA1318AF M4
IC1806 1.5V(D) -REG PQ015YZ5 M13
IC802 FPGA A835WJ M6
IC3202 3.3V -REG M11
IC2101 BUS-CTL A873WJ M7
IC1001 CPLD B027WJ M8
IC3400/1/2/3 64M-SDRAM A312WJ M10
IC1500 A/D-CONV TLV1508P M12
IC3201 LVDS-TR TLV823 M11
IC7253 LVDS-RX DS90C386 M14
IC7254 LVDS-TX DS90C385 M14
IC7251 I2C-HUB PCA9516 M14 IC7252
IC7203 V-DECODER TVP5150A M5
IC3300 CVIC XA091WJ M9
IC1501 I/O-EXP M62320FP M12
IC1509 I/O-EXP M62320FP M12
IC1507 ANALOG-SW TC7W66U M12
SH +5V(D) BU5V TO-A-IF M12
ME +5V(D) BU5V +3.3V TO-DVI M14
TA +5V(D) BU5V +3.3V TO-TMDS M12
MA P7201 +3.3V(C) TO-AV3 M5
TMDS-UNIT 32GD1E DUNTKC526DE01 37GD1E DUNTKC526DE05
TA P3100 BU5V 5V(D) +3.3V FROM-M12 TMDS
IC3109 SMBUS-A-PLLUP LTC1694C TMDS
IC3102 3.3V-REG PQ1R33 TMDS
IC3103 3.3V-REG PQ1R33 TMDS
SC3102 ZA017WJ DISPLAY OUTPUT1
IC3105 LVDS-RX TLVDF84B TMDS
IC3101 LVDS-TX SI1170BG TMDS
SC3103 RS-232C
DU P3101 +3.3V FROM-CPU TMDS
IC3104 RS232C -DRIVER UPD4721G TMDS
AUDIO-IF-UNIT DUNTKC484DE01
SH P6000 +5V(D) BU5V FROM-M12 A-IF
D6000 DI MA157A AIF
D6006 DI MA157A AIF
D6013/14 DI MA157A AIF
D6000/5/7 DI MA157A AIF
SF P6002 5V FROM-AV2 A-IF
RY6000 RELAY DA002WJ AIF
RY6001 RELAY DA002WJ AIF
PC-CARD-UNIT RUNTKC544DE01
PC P5003 UR+10V +3.3V(C) FROM-AV3 CA1
IC5103 B4/6V -REG A826WJ CA4 Q5105
IC5605 2.64V -REG PQ20WZ11 CA3
SC5601 PC-CARD -SLOT CA3
IC5004 1.5V-REG PQ070XZ1 CA1
IC5003 32M-FLASH A913WJ CA1
IC5006 128M-SDRAM A913WJ CA1
IC5001 V-DSP A805WJ CA1
IC5201 A-DSP A420WJ CA2
IC5603 BUFFER LV244AT CA3 IC5604
IC5601 BUFFER LV244AT CA3 IC5608
IC5606 BUS-TRAS LV245AT CA3 IC5607
IC5101 LVDS-TX DS90C385 CA4
IC5102 LVDS-RX DS90C386 CA4
DC/DC CONVERTER-UNIT RDENCA084WJZZ
TO-MAIN PE
PB P1703 D+5V D1.8V
PF P1701 UR+10V BU+5V UR+6V D+3.3V
PG P1702 ADJ3.3V UR+6V ADJ1.8V
PA P1752 UR+35V UR+10V UR+6V BU+5V S-VCC(15V)
TO AV
DP P1781 BS/CPU10V BU+5V DC10V
TO-CPU
IC1701 5CH-SW-REG BD9731KV SUB
IC1704 LT1910
Q1719 S14B94DY
IC1705 PQ20WZ5U
IC952 DC/DC-CONV MD1422N SUB
IC951 DC/DC-CONV MD1422N SUB
S-VCC+15V
PJ P1791 PI P1790 PK P1751
CN902 CN901 CN904
POWER-UNIT RDENCA076WJZZ
F702 1.0A
F701 ET2.0A
D704 D708
T701 PTTX93
T702 PTTX92
SW-REG
IC902 S1170B50
IC905 LM2642
UR10V PS-ON
DC+9VOUT PLG-CK
DC-OUT 9V
CN701
AC-IN QACCKA007WJPZ
DVI-UNIT DUNTKC267DE14
ME P1901 D+3.3V D+5V BU+5V FROM-MAIN14 DVI
Q1905/06 SW 2SK536 DVI
IC1901 RGB-SEL AD8185 DVI
IC1919 +3.3V-REG BA033FP DVI
IC1900 DVI-HDCP SI1907 DVI
IC1916 +3.3V-REG RQ1R33 DVI
IC1911 E2PROM 24LC21BIN DVI
IC1915 E2PROM 24LC21 DVI
IC1918 MULTI-PLX TC4053BT DVI
IC1903 BUS-BUFFER VHCT125A DVI
IC1914 I/O-EXP M62320FP DVI
AVC-FRONT-UNIT DUNTKC483DE01
AF P2402 BU+5V +5V FROM-AV2 FRONT
LED5V RED GREEN R G
D3001 POE-LED D0421CE
D3004 CARD-LED D0421CE
DVB-T-UNIT DUNTKC482DE01
CB P9001 DC10V FROM-CPU5 DVB4
IC9013 1.2V-REG TPS54350 DVB4
IC8601 PROCESSOR PNX8525 DVB1
IC8905 COMPANION PNX8510 DVB3
IC9002 3.3V-REG TPS54350 DVB4
IC9101 COMMON-IF STV0700 DVB5
IC9103/4/5 LATCH LVC573AP DVB5
IC8801/2/4/5 128M-SDRAM LVC573AP DVB2
IC9012 1.8V-REG PQ070XZ1 DVB4
IC9008 CH-DECODER TDA10046 DVB4
IC8803 16M-FLASH A954WJ DVB2
IC8806 128M-FLASH A955WJ
IC9001 5.8V-REG TPS54350 DVB4
IC9004 5V-REG PQ050Z1U DVB4
TU9001 DTV-TUNER TA010WJ DVB4
IC9014 5V-REG PQ050Z1U DVB4
IC8807/8 E2PROM A950/1WJ DVB2
IC9102 P-SW TPS2022D DVB5
IC9009 9V-REG PQ090Z1U DVB4
IC8904 OP-AMP BA4560F DVB3
IC9010 5V-REG TA78L05F DVB4
IC9011 I/O-EXP PCF8574T DVB4
CPU-UNIT 32GD1E DUNTKC427DE11 37GD1E DUNTKC427DE14
DP P8502 DC10V BU5V CPU10V FROM-POWER CPU5
CB P8501 DC10V TO-DVB-T CPU5
DU P8506 3.3V TO-TMDS CPU5
IC8505 3.3V-REG PQ1X331M CPU5
IC8504 MULTIPLEX MLC157DT CPU5
IC8502 3.3V-REG PQ1CZ41H CPU5
IC8201 CPLD A846WJ CPU2
IC8301/3 128M-SDRAM A995WJ CPU3
IC8302 64M-FLASH LHF64FA3 CPU3
IC8204/5 I2C-BUS A873WJ CPU3
IC8503 1.9V-REG PQ070XZ1 CPU5
IC8101 CPU A817WJ CPU1
Q8401 SW RTQ035P02 CPU4
SD-CARD SOCKET SC8401 3.3V TO-M7 CPU5
IC8401 SD-INF TC6384AF CPU4
B/B P8505 3.3V TO-M7 CPU5
FC SH-VCC M7/14 -AV4
IC1601 TELTEXT SDA5550M AV4
IC8501 BUS-BUFFER 7WH125FU CPU5
J I H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. The voltage of each part is the value on operation of the monitor only. It is measured using a 20 kΩ/V tester.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted.
   (K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted.
   (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are 1/10W, unless otherwise noted.
4. All resistors are Carbon type, unless otherwise noted.
   Ⓒ: Solid　　ⓦ: Cement
   Ⓢ: Oxide Film　　Ⓣ: Special
   Ⓝ: Metal Coating

CAPACITOR

1. All capacitors are µF, unless otherwise noted.
   (P=pF=µµF).
2. All capacitors are 50V, unless otherwise noted.
3. All capacitors are Ceramic type, unless otherwise noted.
   (ML): Mylar　　(TA): Tantalum
   (PF): Polypro Film　　(ST): Styrol

CAUTION:

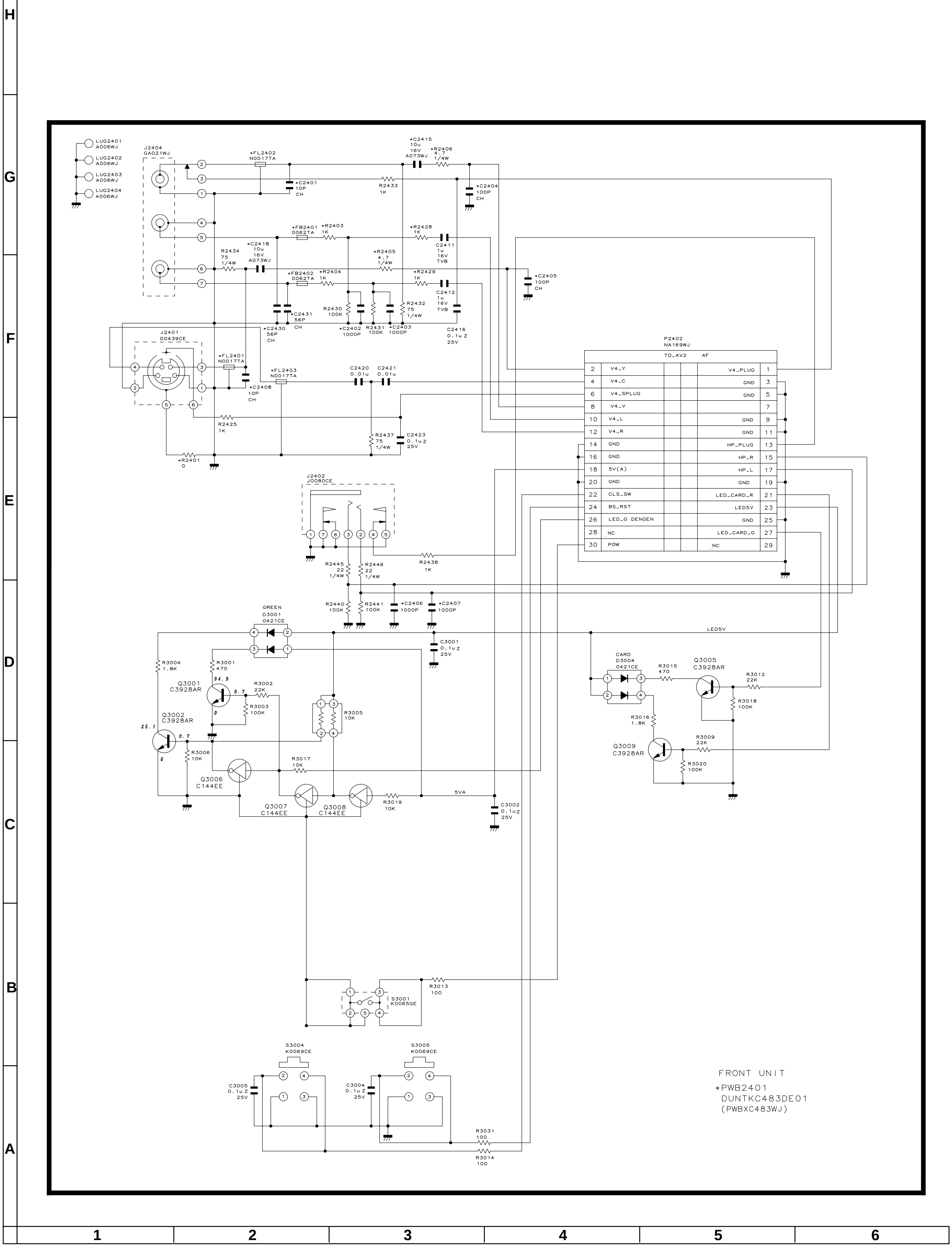
This circuit diagram is original one, therefore there may be a slight difference from yours.

IMPORTANT SAFETY NOTICE:

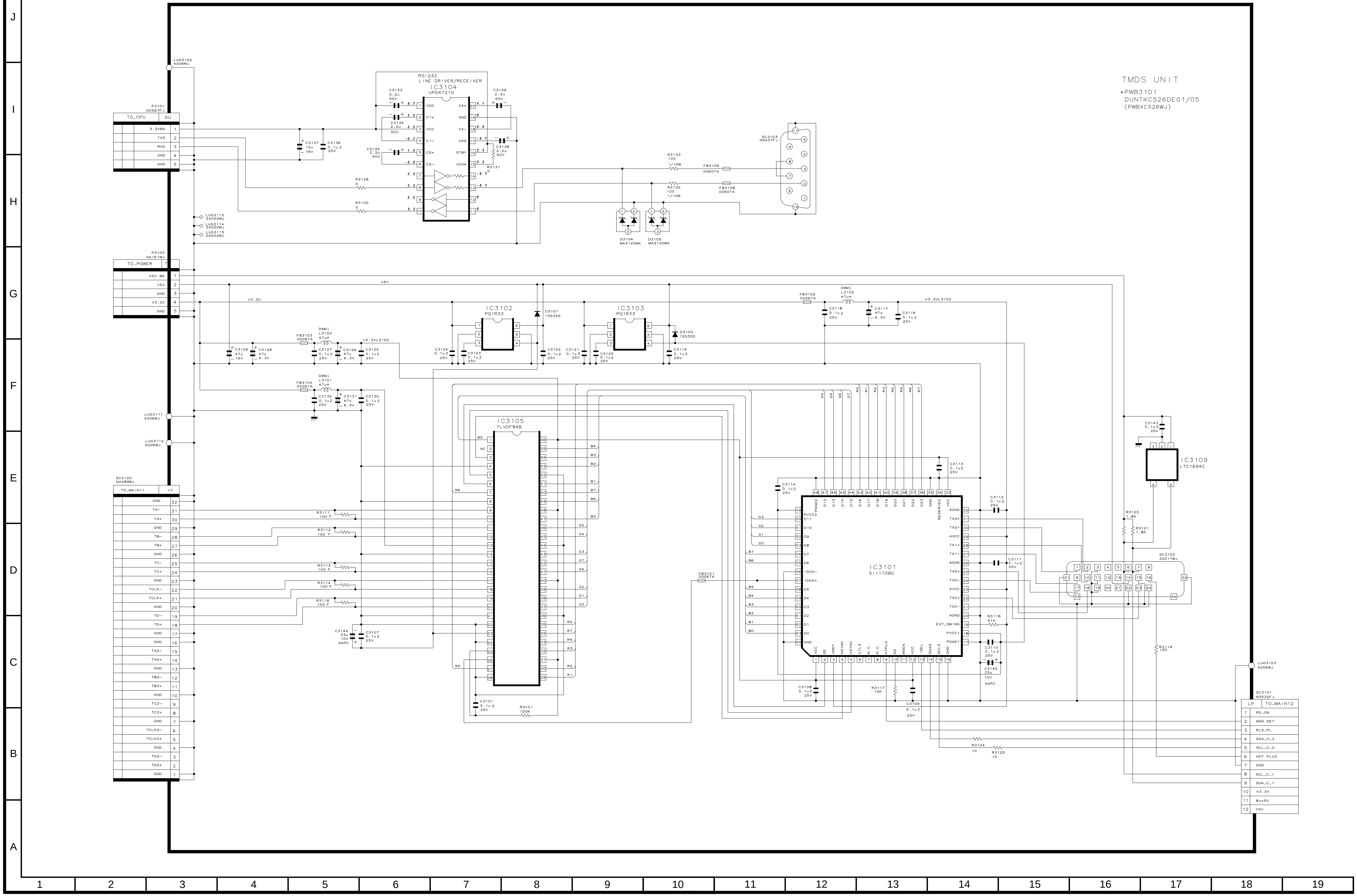
PARTS MARKED WITH "⚠" (▬) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

SCHEMATIC DIAGRAM

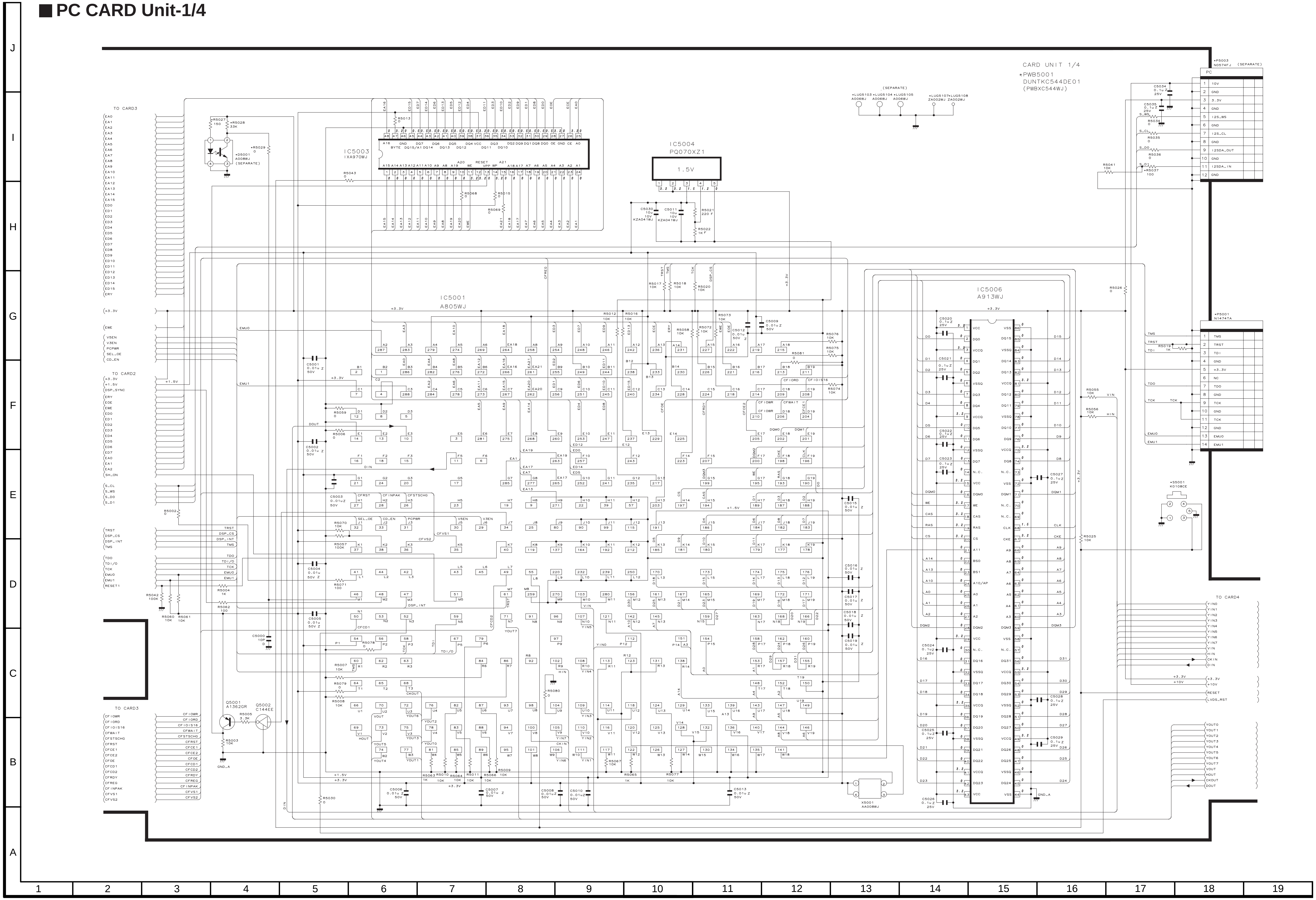
■ FRONT Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
LUG2401 A006WJ
LUG2402 A006WJ
LUG2403 A006WJ
LUG2404 A006WJ
J2404 GA021WJ
*FL2402 N0017TA
*C2401 10P CH
*C2415 10u 16V A073WJ
*R2406 4.7 1/4W
R2433 1K
*C2404 100P CH
*FB2401 0062TA
*R2403 1K
*R2428 1K
C2411 1u 16V TVB
R2434 75 1/4W
*C2418 10u 16V A073WJ
*R2405 4.7 1/4W
*C2405 100P CH
*FB2402 0062TA
*R2404 1K
*R2429 1K
C2412 1u 16V TVB
R2430 100K
R2432 75 1/4W
*C2431 56P CH
*C2430 56P CH
*C2402 1000P
R2431 100K
*C2403 1000P
C2416 0.1u Z 25V
J2401 D0439CE
*FL2401 N0017TA
*C2408 10P CH
*FL2403 N0017TA
C2420 0.01u
C2421 0.01u
R2425 1K
R2437 75 1/4W
C2423 0.1u Z 25V
*R2401 0
P2402 NA169WJ
TO_AV2 AF
2 V4_Y
4 V4_C
6 V4_SPLUG
8 V4_V
10 V4_L
12 V4_R
14 GND
16 GND
18 5V(A)
20 GND
22 CLS_SW
24 BS_RST
26 LED_G DENGEN
28 NC
30 POW
V4_PLUG 1
GND 3
GND 5
7
GND 9
GND 11
HP_PLUG 13
HP_R 15
HP_L 17
GND 19
LED_CARD_R 21
LED5V 23
GND 25
LED_CARD_G 27
NC 29
J2402 J0080CE
R2438 1K
R2445 22 1/4W
R2446 22 1/4W
R2440 100K
R2441 100K
*C2406 1000P
*C2407 1000P
GREEN D3001 0421CE
C3001 0.1u Z 25V
LED5V
R3004 1.8K
R3001 470
94.9
Q3001 C3928AR
0.7
R3002 22K
R3003 100K
0
Q3002 C3928AR
25.1
0.7
0
R3006 10K
R3005 10K
Q3006 C144EE
R3017 10K
Q3007 C144EE
Q3008 C144EE
R3019 10K
5VA
C3002 0.1u Z 25V
CARD D3004 0421CE
R3015 470
Q3005 C3928AR
R3012 22K
R3018 100K
R3016 1.8K
Q3009 C3928AR
R3009 22K
R3020 100K
R3013 100
S3001 K0065GE
S3004 K0069CE
S3005 K0069CE
C3005 0.1u Z 25V
C3004 0.1u Z 25V
R3031 100
R3014 100
FRONT UNIT
*PWB2401
DUNTKC483DE01
(PWBXC483WJ)

■ TMDS Unit


TMDS UNIT
*PWB3101
DUNTKC526DE01/05
(PWBXC526WJ)
RS-232
LINE DRIVER/RECEIVER
IC3104
UPD4721G
IC3102
PQ1R33
IC3103
PQ1R33
IC3105
TLVDF84B
IC3101
SII170BG
IC3109
LTC1694C
P3101
N0567FJ
TO_CPU
DU
3.3VBS
TXD
RXD
GND
P3100
NA161WJ
TO_POWER
V5V BK
V5V
V3.3V
SC3100
NA289WJ
TO_MAIN11
LV
TA-
TA+
TB-
TB+
TC-
TC+
TCLK-
TCLK+
TD-
TD+
TA2-
TA2+
TB2-
TB2+
TC2-
TC2+
TCLK2-
TCLK2+
TD2-
TD2+
SC3101
N0532FJ
LP
TO_MAIN12
RS_ON
MON DET
RLS_PL
SDA_C_2
SCL_C_2
HOT PLUG
SCL_C_1
SDA_C_1
+3.3V
Bu+5V
V5V
SC3103
N0437FJ
SC3102
ZA017WJ
D3100
1SS355
D3101
1SS355
D3104
MA3120WA
D3105
MA3120WA
LUG3102
A006WJ
LUG3103
A006WJ
LUG3111
A006WJ
LUG3112
A006WJ
LUG3113
ZA002WJ
LUG3114
ZA002WJ
LUG3115
ZA002WJ
+5V
+3.3V
+3.3VL3100
+3.3VL3102
FB3101
0006TA
FB3102
0006TA
FB3103
0006TA
FB3104
0006TA
FB3106
0060TA
FB3108
0060TA
L3100
47uH
L3101
47uH
L3102
47uH
D9MJ
R3101
100K
R3111
100 F
R3112
100 F
R3113
100 F
R3114
100 F
R3116
100 F
R3117
10K
R3118
510
R3119
100
R3120
1.8K
R3121
1.8K
R3124
10
R3125
10
R3128
0
R3130
0
R3131
0
R3133
100
1/10W
R3135
100
1/10W
C3101
0.1uZ
25V
C3144
33u
10V
AAPC
C3145
33u
10V
AAPC
VDD
C1+
VCC
C1-
C5+
C5-
C4+
GND
C4-
VSS
STBY
VCHA
AGND
TX2+
TX2-
AVCC
TX1+
TX1-
TX0+
TX0-
TXC+
TXC-
EXT_SWING
PVCC1
PGND1
PVCC2
PGND2
IDCK-
IDCK+
DE
VREF
HSYNC
VSYNC
CTL3
N.C.
HTPLG
MSEN
ISEL
SDAS
SCLS
RESERVED

■ PC CARD Unit-1/4


CARD UNIT 1/4
*PWB5001
DUNTKC544DE01
(PWBXC544WJ)
IC5001
A805WJ
IC5003
IXA970WJ
IC5004
PQ070XZ1
1.5V
IC5006
A913WJ
Q5001
A1362GR
Q5002
C144EE
X5001
AA008WJ
*D5001
A008WJ
(SEPARATE)
*S5001
K0108CE
*P5003
N0574FJ
*P5001
N1474TA
TO CARD3
TO CARD2
TO CARD4
PC
10V
GND
3.3V
I2S_WS
I2S_CL
I2SDA_OUT
I2SDA_IN
TMS
TRST
TDI
NC
TDO
TCK
EMU0
EMU1
+3.3V
+1.5V
GND_A
J
I
H
G
F
E
D
C
B
A
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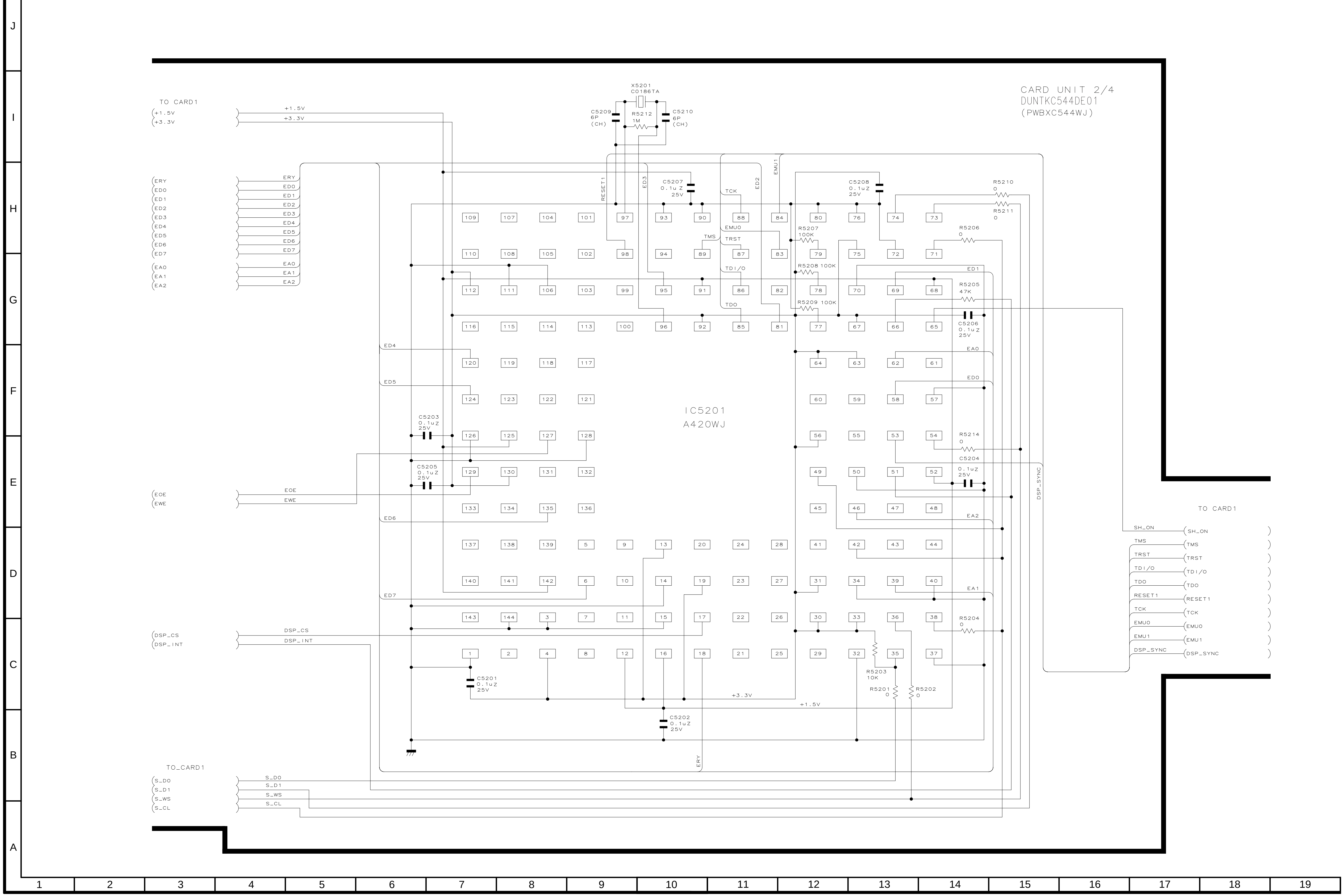
■ PC CARD Unit-2/4


CARD UNIT 2/4
DUNTKC544DE01
(PWBXC544WJ)
TO CARD1
+1.5V
+3.3V
ERY
ED0
ED1
ED2
ED3
ED4
ED5
ED6
ED7
EA0
EA1
EA2
EOE
EWE
DSP_CS
DSP_INT
TO_CARD1
S_D0
S_D1
S_WS
S_CL
X5201
C0186TA
C5209
6P
(CH)
R5212
1M
C5210
6P
(CH)
C5207
0.1uZ
25V
C5208
0.1uZ
25V
RESET1
ED3
ED2
EMU1
TCK
EMU0
TMS
TRST
TDI/O
TDO
R5210
0
R5211
0
R5206
0
R5207
100K
R5208 100K
R5209 100K
R5205
47K
C5206
0.1uZ
25V
R5214
0
C5204
0.1uZ
25V
R5204
0
R5203
10K
R5201
0
R5202
0
C5203
0.1uZ
25V
C5205
0.1uZ
25V
C5201
0.1uZ
25V
C5202
0.1uZ
25V
IC5201
A420WJ
DSP_SYNC
TO CARD1
SH_ON
TMS
TRST
TDI/O
TDO
RESET1
TCK
EMU0
EMU1
DSP_SYNC
J
I
H
G
F
E
D
C
B
A
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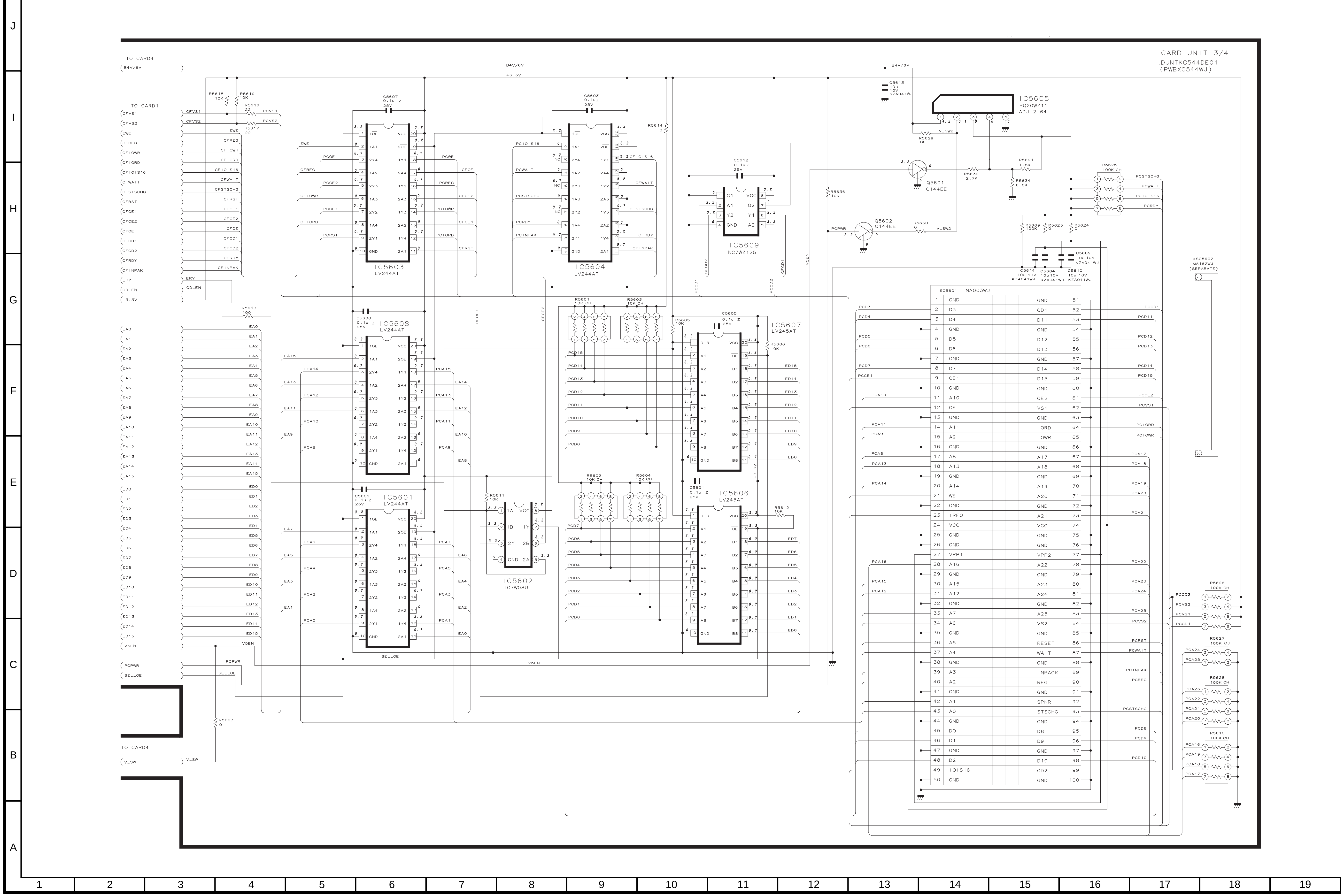
■ PC CARD Unit-3/4


CARD UNIT 3/4
DUNTKC544DE01
(PWBXC544WJ)
TO CARD4
TO CARD1
B4V/6V
+3.3V
IC5601 LV244AT
IC5602 TC7W08U
IC5603 LV244AT
IC5604 LV244AT
IC5605 PQ20WZ11 ADJ 2.64
IC5606 LV245AT
IC5607 LV245AT
IC5608 LV244AT
IC5609 NC7WZ125
Q5601 C144EE
Q5602 C144EE
SC5601 NA003WJ
SC5602 MA162WJ (SEPARATE)
V5EN
PCPWR
SEL_OE
V_SW
J
I
H
G
F
E
D
C
B
A
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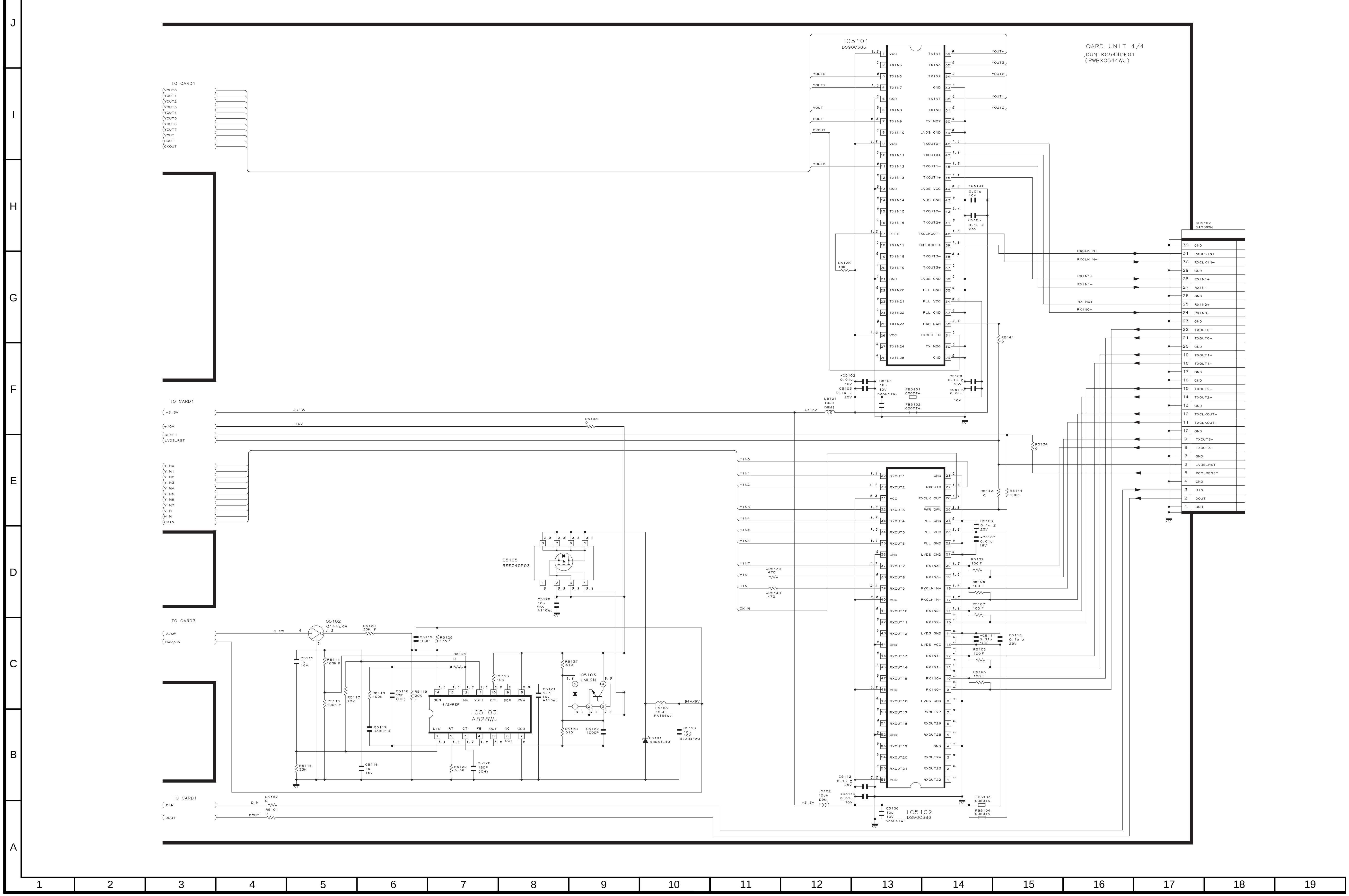
■ PC CARD Unit-4/4


CARD UNIT 4/4
DUNTKC544DE01
(PWBXC544WJ)
IC5101
DS90C385
IC5102
DS90C386
IC5103
A828WJ
Q5102
C144EKA
Q5103
UML2N
Q5105
RSS040P03
SC5102
NA239WJ
TO CARD1
YOUT0
YOUT1
YOUT2
YOUT3
YOUT4
YOUT5
YOUT6
YOUT7
VOUT
HOUT
CKOUT
+3.3V
+10V
RESET
LVDS_RST
YIN0
YIN1
YIN2
YIN3
YIN4
YIN5
YIN6
YIN7
VIN
HIN
CKIN
TO CARD3
V_SW
B4V/6V
DIN
DOUT
R5128 10K
R5141 0
R5134 0
R5142 0
R5144 100K
R5103 0
R5139 470
R5140 470
R5105 100 F
R5106 100 F
R5107 100 F
R5108 100 F
R5109 100 F
R5114 100K F
R5115 100K F
R5116 33K
R5117 27K
R5118 100K
R5119 20K F
R5120 30K F
R5122 5.6K
R5123 10K
R5124 0
R5125 47K F
R5137 510
R5138 510
R5101 0
R5102 0
C5101 10u 10V KZA041WJ
C5102 0.01u 16V
C5103 0.1u Z 25V
C5104 0.01u 16V
C5105 0.1u Z 25V
C5106 10u 10V KZA041WJ
C5107 0.01u 16V
C5108 0.1u Z 25V
C5109 0.1u Z 25V
C5110 0.01u 16V
C5111 0.01u 16V
C5112 0.1u Z 25V
C5113 0.1u Z 25V
C5114 0.01u 16V
C5115 1u 16V
C5116 1u 16V
C5117 3300P K
C5118 33P (CH)
C5119 100P
C5120 180P (CH)
C5121 4.7u 16V A113WJ
C5122 1000P
C5123 10u 10V KZA041WJ
C5126 10u 25V A110WJ
L5101 10uH D9MJ
L5102 10uH D9MJ
L5103 15uH PA154WJ
FB5101 0060TA
FB5102 0060TA
FB5103 0060TA
FB5104 0060TA
D5101 RB051L40
NON
INV
VREF
CTL
SCP
VCC
1/2VREF
DTC
RT
CT
FB
OUT
NC
GND
VCC
TXIN0
TXIN1
TXIN2
TXIN3
TXIN4
TXIN5
TXIN6
TXIN7
TXIN8
TXIN9
TXIN10
TXIN11
TXIN12
TXIN13
TXIN14
TXIN15
TXIN16
TXIN17
TXIN18
TXIN19
TXIN20
TXIN21
TXIN22
TXIN23
TXIN24
TXIN25
TXIN26
TXIN27
R_FB
LVDS GND
LVDS VCC
PLL GND
PLL VCC
PWR DWN
TXCLK IN
TXOUT0−
TXOUT0+
TXOUT1−
TXOUT1+
TXOUT2−
TXOUT2+
TXOUT3−
TXOUT3+
TXCLKOUT−
TXCLKOUT+
RXOUT0
RXOUT1
RXOUT2
RXOUT3
RXOUT4
RXOUT5
RXOUT6
RXOUT7
RXOUT8
RXOUT9
RXOUT10
RXOUT11
RXOUT12
RXOUT13
RXOUT14
RXOUT15
RXOUT16
RXOUT17
RXOUT18
RXOUT19
RXOUT20
RXOUT21
RXOUT22
RXOUT23
RXOUT24
RXOUT25
RXOUT26
RXOUT27
RXCLK OUT
RXIN0+
RXIN0−
RXIN1+
RXIN1−
RXIN2+
RXIN2−
RXIN3+
RXIN3−
RXCLKIN+
RXCLKIN−
LVDS_RST
PCC_RESET
J
I
H
G
F
E
D
C
B
A
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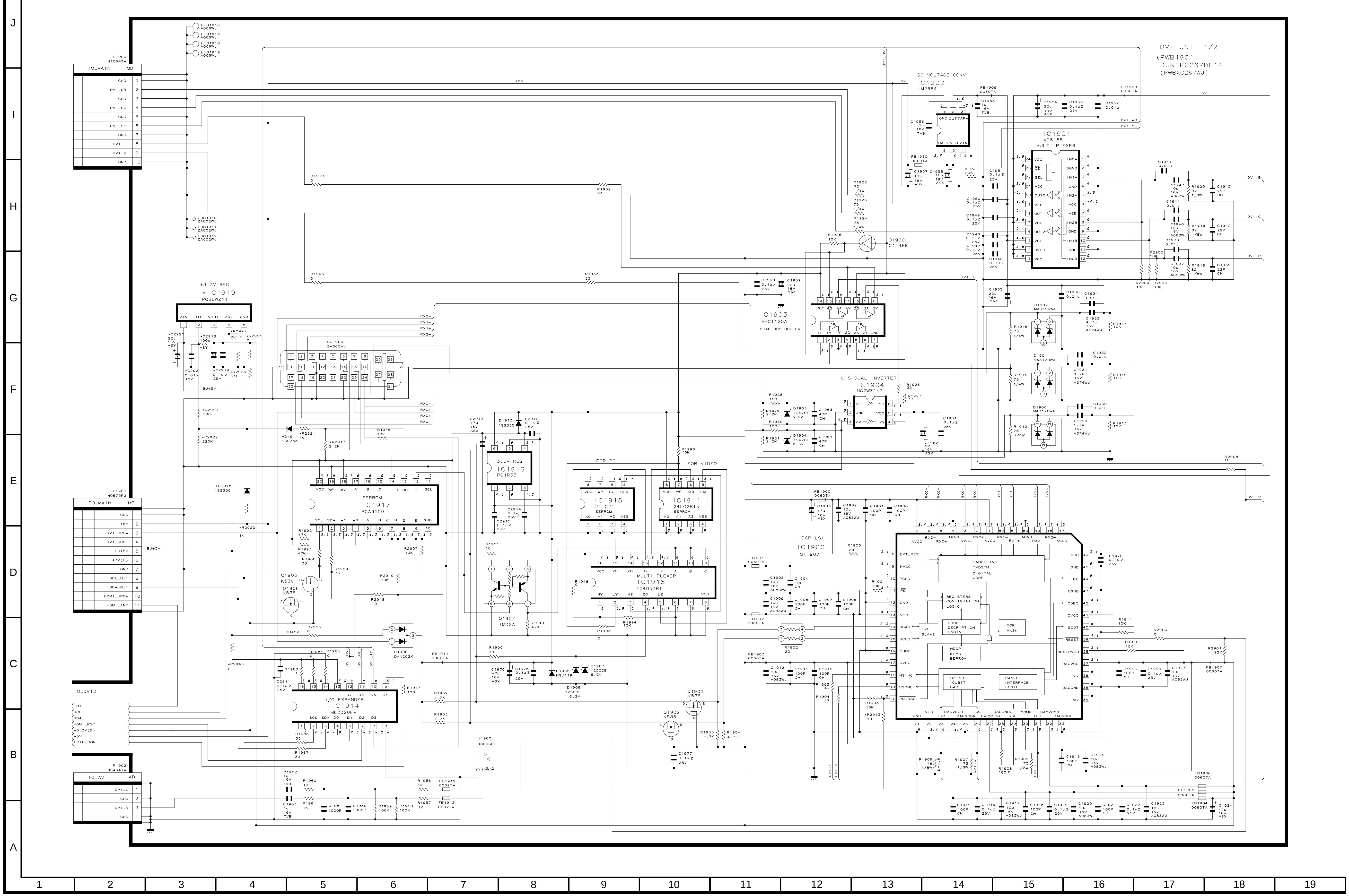
■ DVI Unit-1/2


DVI UNIT 1/2
*PWB1901
DUNTKC267DE14
(PWBXC267WJ)
P1900
N1064TA
TO_MAIN MD
GND
DVI_SR
DVI_SG
DVI_SB
DVI_H
DVI_V
LUG1916
LUG1917
LUG1918
LUG1919
LUG1910
LUG1911
LUG1912
R1939
R1932
R1945
R1933
SC VOLTAGE CONV
IC1902
LM2664
IC1901
AD8185
MULTI_PLEXER
Q1900
C144EE
IC1903
VHCT125A
QUAD BUS BUFFER
UHS DUAL INVERTER
IC1904
NC7WZ14P
D1902
MA3120WA
D1901
MA3120WA
D1900
MA3120WA
DVI_B
DVI_G
DVI_R
DVI_V
DVI_H
DVI_AD
DVI_OE
+5V
+3.3V REG
*IC1919
PQ20WZ11
SC1900
ZA065WJ
RX2−
RX1−
RX1+
RX2+
RXC−
RXC+
RX0+
RX0−
3.3V REG
IC1916
PQ1R33
EEPROM
IC1917
PCA9559
FOR PC
IC1915
24LC21
EEPROM
FOR VIDEO
IC1911
24LC2BIN
EEPROM
MULTI PLEXER
IC1918
TC4053BT
HDCP-LSI
IC1900
Sil907
PANELLINK
TMDSTM
DIGITAL
CORE
REGISTERS
CONFIGRATION
LOGIC
HDCP
DECRYPTION
ENGINE
I2C
SLAVE
XOR
MASK
HDCP
KEYS
EEPROM
TRIPLE
10_BIT
DAC
PANEL
INTERFACE
LOGIC
P1901
N0573FJ
TO_MAIN ME
+5V
DVI_HPOW
DVI_SCDT
BU+5V
+3V(D)
SCL_B_1
SDA_B_1
HDMI_HPOW
HDMI_INT
Q1905
K536
Q1906
K536
Q1907
IMD2A
D1906
DAN202K
D1905
HSU119
D1907
1250CE
6.2V
D1908
1250CE
6.2V
I/O EXPANDER
IC1914
M62320FP
Q1901
K536
Q1902
K536
J1900
J0066CE
TO_DV12
INT
SCL
SDA
HDMI_RST
+3.3V(D)
+5V
HOTP_CONT
P1902
N0464TA
TO_AV AD
DVI_L
DVI_R
FB1900
FB1901
FB1902
FB1903
FB1904
FB1905
FB1906
FB1907
FB1908
FB1909
FB1910
FB1911
FB1912
FB1913
J
I
H
G
F
E
D
C
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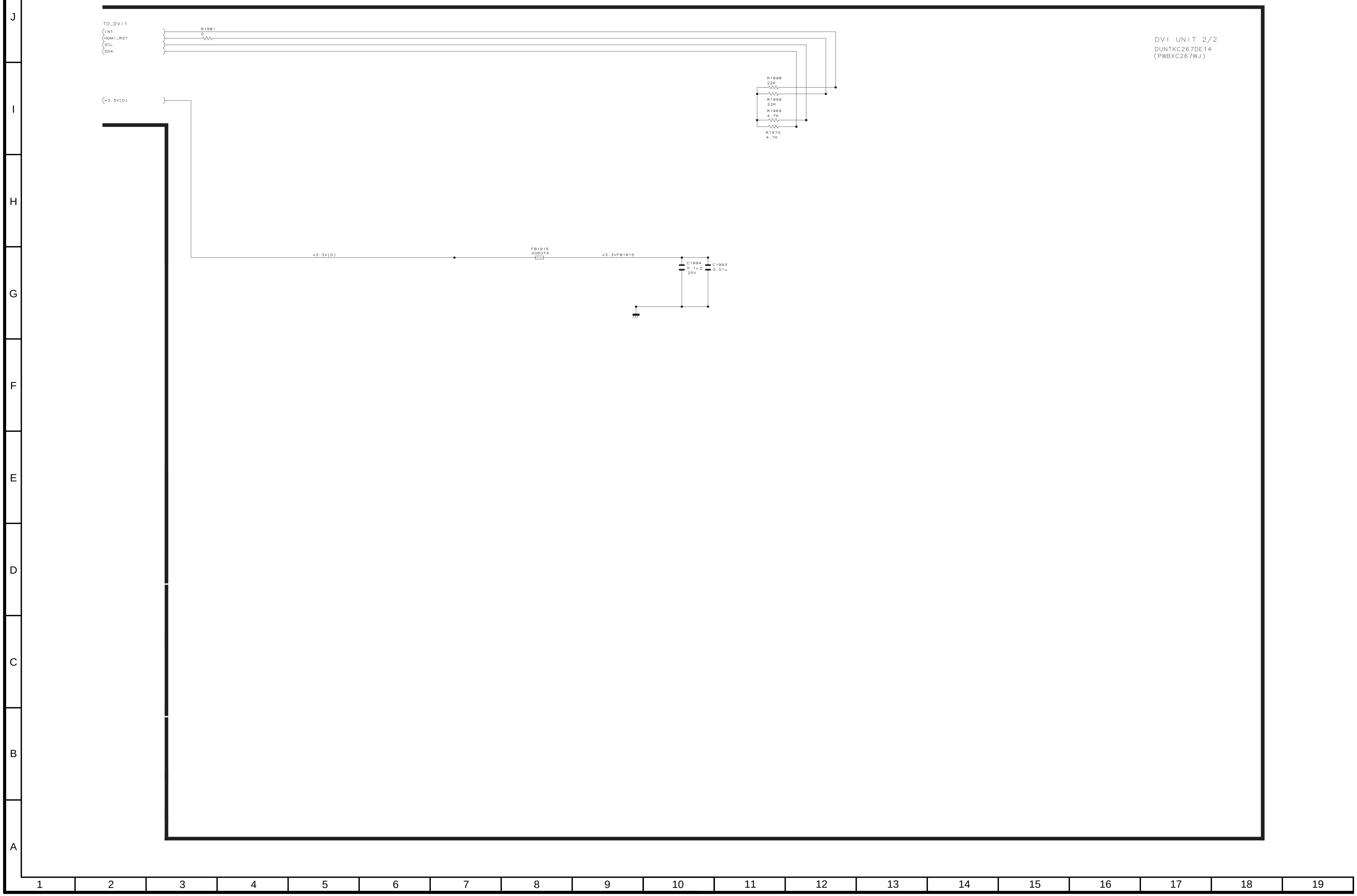
■ DVI Unit-2/2


TO_DVI1
INT
HDMI_RST
SCL
SDA
R1981
0
+3.3V(D)
R1998
22K
R1999
22K
R1969
4.7K
R1970
4.7K
DVI UNIT 2/2
DUNTKC267DE14
(PWBXC267WJ)
+3.3V(D)
FB1915
0060TA
+3.3VFB1915
C1994
0.1u Z
25V
C1993
0.01u
J
I
H
G
F
E
D
C
B
A
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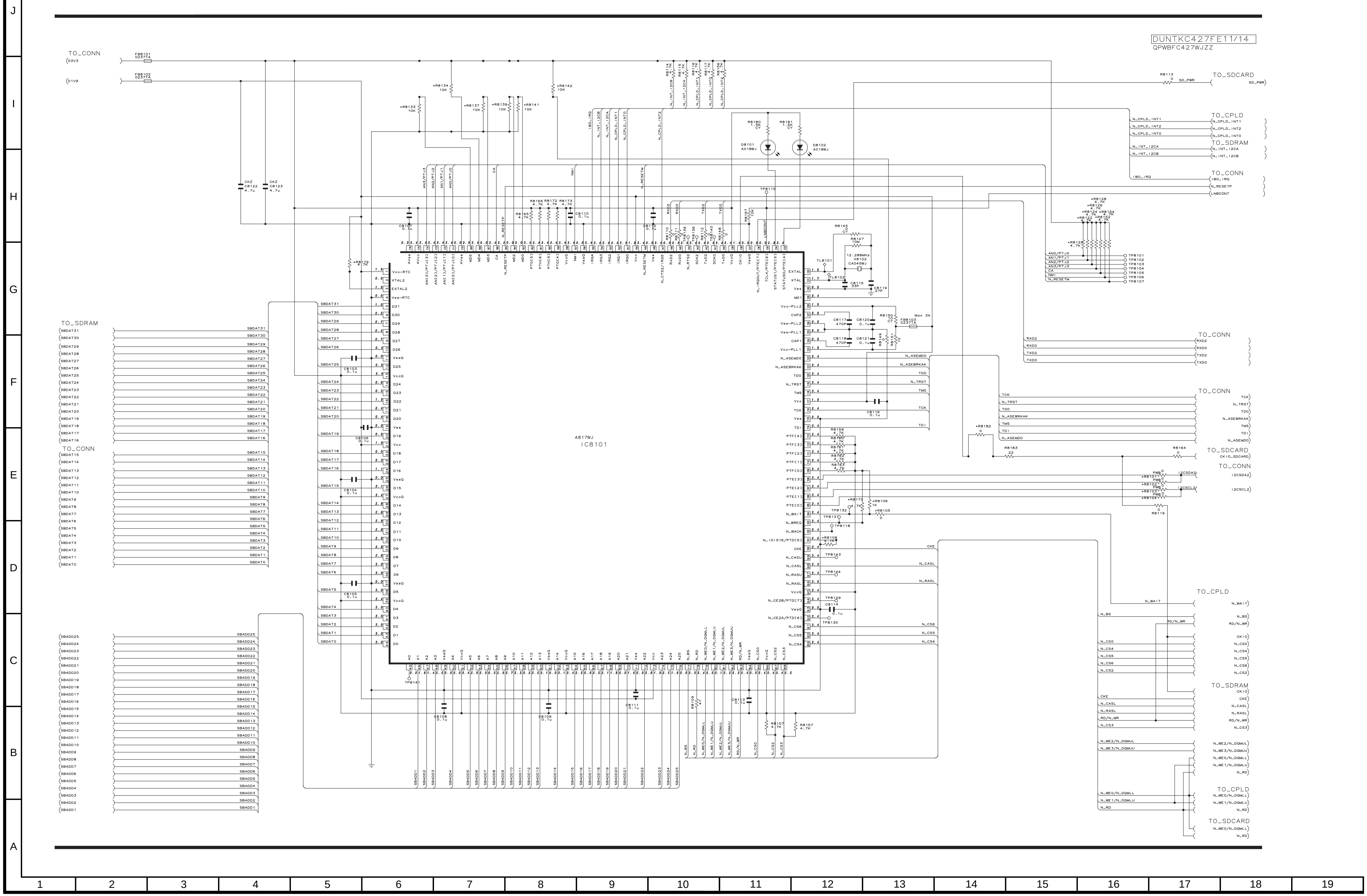
■ CPU Unit-1/5


DUNTKC427FE11/14
QPWBFC427WJZZ
TO_CONN
D3V3
D1V9
FB8101 0237TA
FB8102 0237TA
TO_SDCARD
SD_PWR
R8113 0
TO_CPLD
N_CPLD_INT1
N_CPLD_INT2
N_CPLD_INT0
TO_SDRAM
N_INT_I2CA
N_INT_I2CB
IBO_IRQ
N_RESETP
LNBCONT
R8180 1.5K CY
R8181 1.5K CY
D8101 A018WJ
D8102 A018WJ
TP8115
C8122 4.7u
C8123 4.7u
R8133 10K
R8134 10K
R8137 10K
R8139 10K
R8141 10K
R8142 10K
R8165 4.7K
R8166 4.7K
R8172 4.7K
R8173 4.7K
C8110 0.1u
C8107 0.1u
C8112 0.1u
R8179 4.7K
R8145 0 CY
R8147 10M
12.288MHz X8102 CA045WJ
TL8101
TL8102
C8115 33P
C8119 27P
C8117 470P
C8120 0.1u
R8150 10 CY
FB8103 0237TA
Max 3A
C8118 470P
C8121 0.1u
R8149
R8151
C8116 0.1u
A817WJ
IC8101
TO_SDRAM
SBDAT31 … SBDAT0
TO_CONN
SBADD25 … SBADD1
C8103 0.1u
C8106 0.1u
C8104 0.1u
C8105 0.1u
C8108 0.1u
C8109 0.1u
C8111 0.1u
C8113 0.1u
C8114 0.1u
R8109
R8107 4.7K
R8157 4.7K
TP8141
TP8129
TP8130
TP8131
TP8132
TP8118
TP8143
TP8144
R8170 4.7K
R8106 1K
R8105 0
R8108 4.7K
R8159 4.7K
R8160 4.7K
R8161 4.7K
R8162 4.7K
R8163 4.7K
R8182 0
R8183 22
R8164 0
R8119
R8101 0
R8102 0
R8103 0
R8104 0
R8123
R8124 4.7K
R8125 4.7K
R8126 4.7K
R8128 4.7K
R8152
R8184 4.7K
AN0/PTJ0
AN1/PTJ1
AN2/PTJ2
AN3/PTJ3
CA
NMI
N_RESETM
TP8101
TP8102
TP8103
TP8104
TP8105
TP8106
TP8107
TO_CONN
RXD2
RXD0
TXD2
TXD0
TO_CONN
TCK
N_TRST
TDO
N_ASEBRKAK
TMS
TDI
N_ASEMD0
TO_SDCARD
CKIO_SDCARD
TO_CONN
I2CSDA2
I2CSCL2
TO_CPLD
N_WAIT
N_BS
RD/N_WR
CKIO
N_CS0
N_CS4
N_CS5
N_CS6
N_CS2
TO_SDRAM
CKIO
CKE
N_CASL
N_RASL
RD/N_WR
N_CS3
N_WE2/N_DQMUL
N_WE3/N_DQMUU
N_WE0/N_DQMLL
N_WE1/N_DQMLU
N_RD
TO_CPLD
N_WE0/N_DQMLL
N_WE1/N_DQMLU
N_RD
TO_SDCARD
N_WE0/N_DQMLL
N_RD
EXTAL
XTAL
Vss
MD1
Vcc-PLL2
CAP2
Vss-PLL2
Vss-PLL1
CAP1
Vcc-PLL1
N_ASEMD0
N_ASEBRKAK
TDO
N_TRST
TMS
Vcc
TCK
Vss
TDI
PTF[4]
PTF[3]
PTF[2]
PTF[1]
PTF[0]
PTE[3]
PTE[2]
PTE[1]
PTE[0]
N_WAIT
N_BREQ
N_BACK
N_IOIS16/PTD[5]
CKE
N_CASU
N_CASL
N_RASU
N_RASL
VccQ
N_CE2B/PTD[7]
VssQ
N_CE2A/PTD[6]
N_CS6
N_CS5
N_CS4
Vcc-RTC
XTAL2
EXTAL2
Vss-RTC
D31 … D0
VssQ
VccQ
Vss
Vcc
A0 … A25
N_BS
N_RD
N_WE0/N_DQMLL
N_WE1/N_DQMLU
N_WE2/N_DQMUL
N_WE3/N_DQMUU
RD/N_WR
N_CS0
N_CS2
N_CS3
AVss
AVcc
AN3/PTJ3
AN2/PTJ2
AN1/PTJ1
AN0/PTJ0
MD5
MD4
MD3
N_RESETP
MD0
MD2
PTG[3]
PTH[3]
PTG[0]
PTG[4]
NMI
IRQ4
IRQ3
IRQ2
IRQ1
IRQ0
N_RESETM
N_CTS2/IRQ5
RxD2
RxD0
N_RTS2
SCK2
TxD2
SCK0
TxD0
CKIO
N_IRQOUT/PTE[7]
TCLK/PTE[6]
STATUS0/PTE[5]
STATUS1/PTE[4]
N_INT_I2CB
N_INT_I2CA
N_CPLD_INT1
N_CPLD_INT0
N_CPLD_INT2
R8114 4.7K
R8115 4.7K
R8116 4.7K
R8117 4.7K
R8156 4.7K
R8110
R8111
R8112
R8136
R8138
R8140
R8148
R8167
J
I
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G
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E
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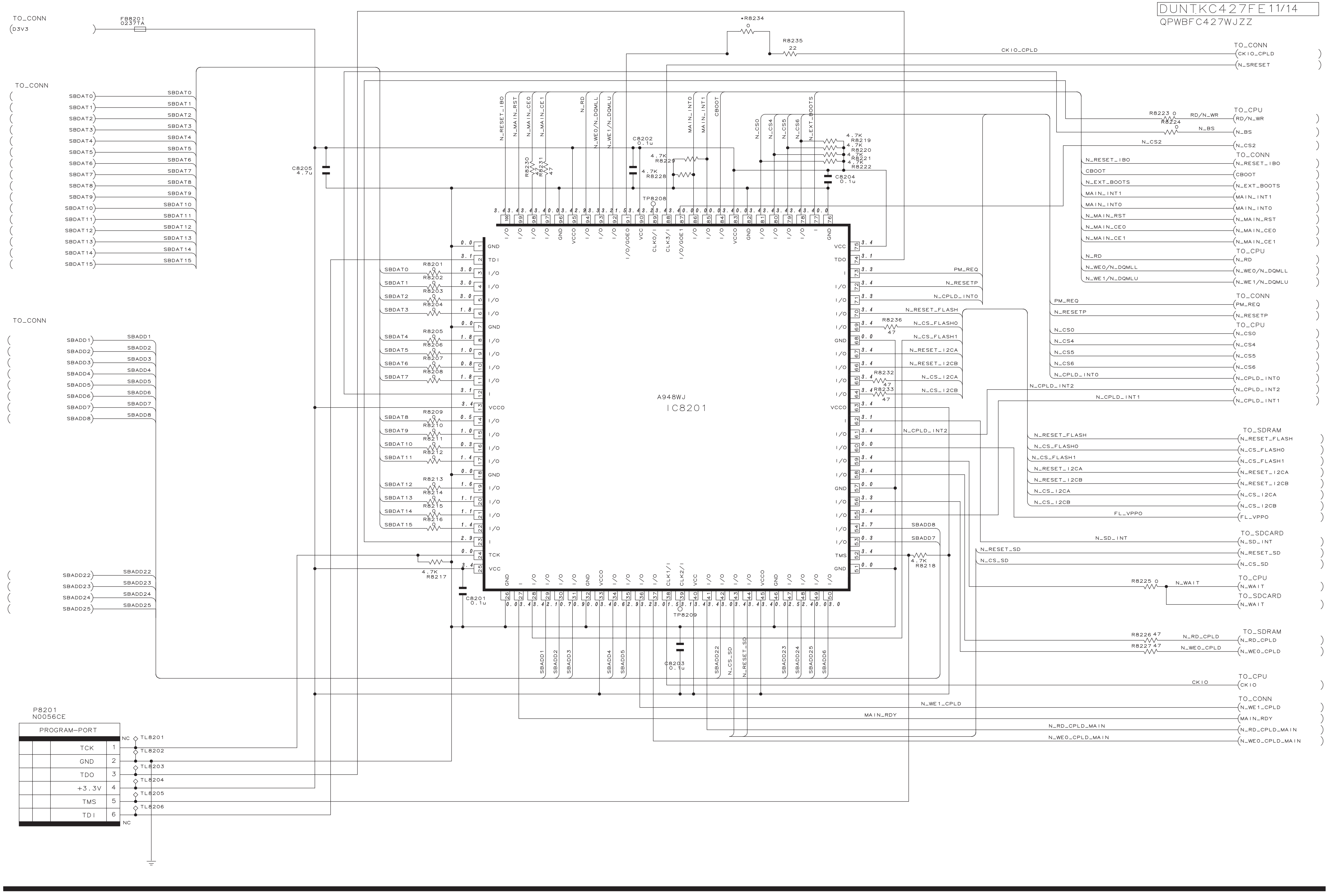
■ CPU Unit-2/5


DUNTKC427FE11/14
QPWBFC427WJZZ
A948WJ
IC8201
TO_CONN
D3V3
FB8201
0237TA
C8205
4.7u
SBDAT0
SBDAT1
SBDAT2
SBDAT3
SBDAT4
SBDAT5
SBDAT6
SBDAT7
SBDAT8
SBDAT9
SBDAT10
SBDAT11
SBDAT12
SBDAT13
SBDAT14
SBDAT15
SBADD1
SBADD2
SBADD3
SBADD4
SBADD5
SBADD6
SBADD7
SBADD8
SBADD22
SBADD23
SBADD24
SBADD25
P8201
N0056CE
PROGRAM-PORT
TCK
GND
TDO
+3.3V
TMS
TDI
NC
TL8201
TL8202
TL8203
TL8204
TL8205
TL8206
R8217
4.7K
C8201
0.1u
C8202
0.1u
C8203
0.1u
C8204
0.1u
TP8208
TP8209
R8228
R8229
4.7K
R8230
R8231
R8219
R8220
R8221
R8222
*R8234
R8235
22
CKIO_CPLD
N_SRESET
TO_CPU
R8223 0
R8224 0
RD/N_WR
N_BS
N_CS2
N_RESET_IBO
CBOOT
N_EXT_BOOTS
MAIN_INT1
MAIN_INT0
N_MAIN_RST
N_MAIN_CE0
N_MAIN_CE1
N_RD
N_WE0/N_DQMLL
N_WE1/N_DQMLU
PM_REQ
N_RESETP
N_CPLD_INT0
N_RESET_FLASH
R8236
47
N_CS_FLASH0
N_CS_FLASH1
N_RESET_I2CA
N_RESET_I2CB
R8232
R8233
N_CS_I2CA
N_CS_I2CB
N_CS0
N_CS4
N_CS5
N_CS6
N_CPLD_INT1
N_CPLD_INT2
TO_SDRAM
FL_VPPO
TO_SDCARD
N_SD_INT
N_RESET_SD
N_CS_SD
R8218
R8225 0
N_WAIT
R8226 47
R8227 47
N_RD_CPLD
N_WE0_CPLD
CKIO
N_WE1_CPLD
MAIN_RDY
N_RD_CPLD_MAIN
N_WE0_CPLD_MAIN
R8201
R8202
R8203
R8204
R8205
R8206
R8207
R8208
R8209
R8210
R8211
R8212
R8213
R8214
R8215
R8216
GND
TDI
I/O
VCCO
VCC
TCK
TMS
TDO
CLK0/I
CLK1/I
CLK2/I
CLK3/I
I/O/GOE0
I/O/GOE1
J
I
H
G
F
E
D
C
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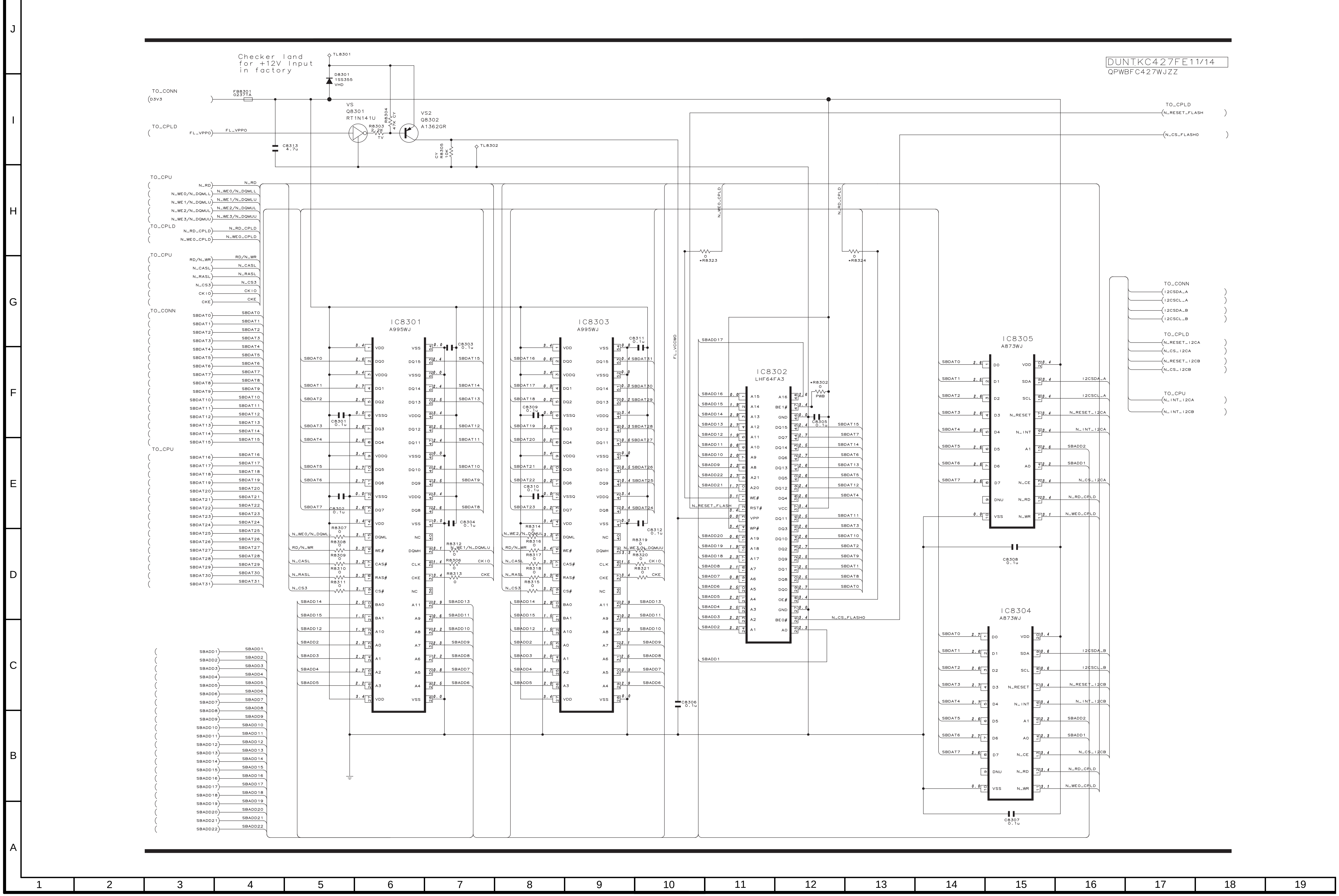
■ CPU Unit-3/5


J
I
H
G
F
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D
C
B
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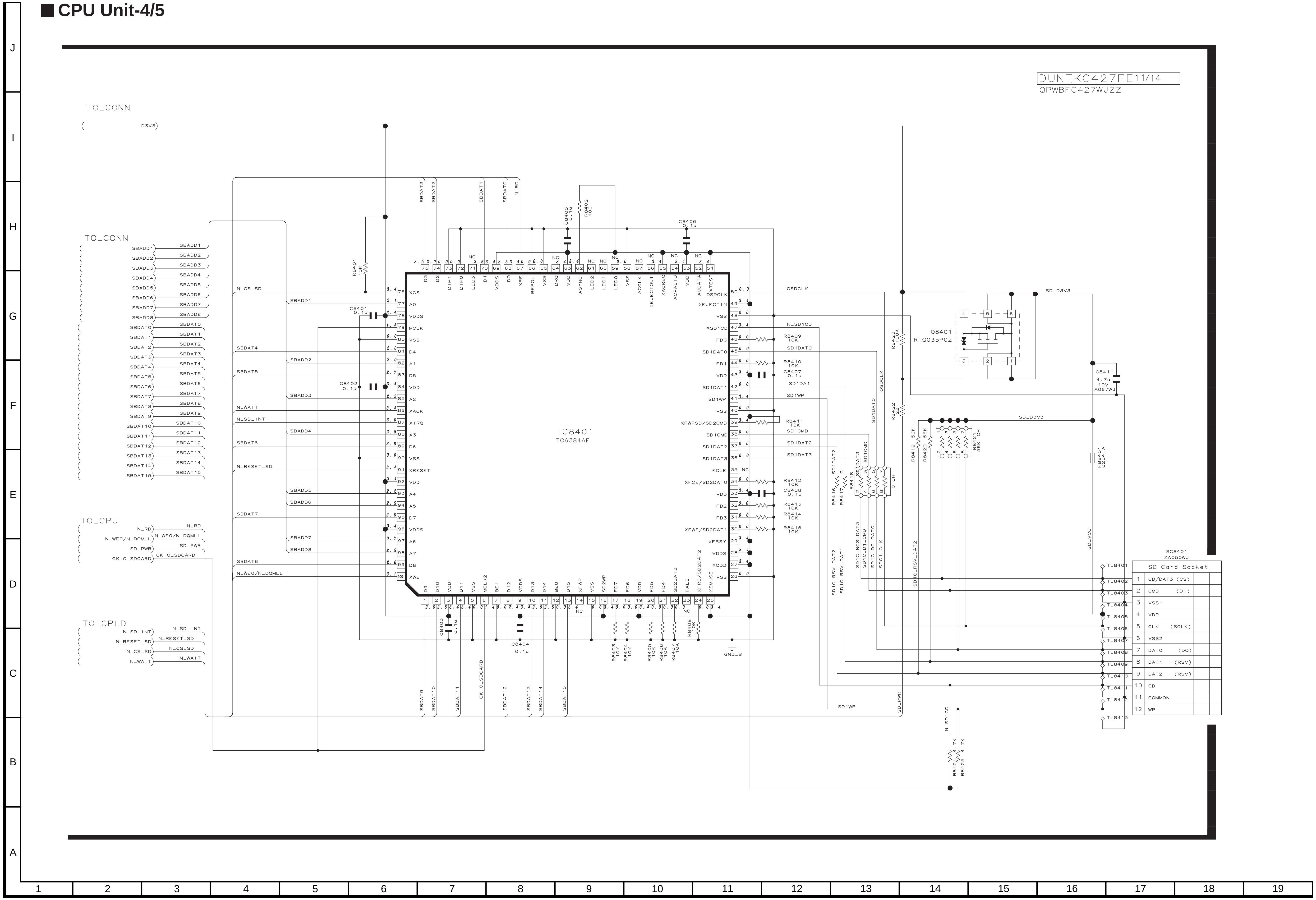
DUNTKC427FE11/14
QPWBFC427WJZZ
Checker land for +12V Input in factory
TL8301
D8301 1SS355 VHD
TO_CONN
D3V3
FB8301 0237TA
TO_CPLD
FL_VPPO
VS Q8301 RT1N141U
R8303 2.2K TV
R8304 47K CY
VS2 Q8302 A1362GR
R8305 10K CY
TL8302
C8313 4.7u
TO_CPU
N_RD
N_WE0/N_DQMLL
N_WE1/N_DQMLU
N_WE2/N_DQMUL
N_WE3/N_DQMUU
N_RD_CPLD
N_WE0_CPLD
RD/N_WR
N_CASL
N_RASL
N_CS3
CKIO
CKE
SBDAT0
SBDAT31
SBADD1
SBADD22
IC8301
A995WJ
IC8303
A995WJ
VDD
VSS
VDDQ
VSSQ
DQML
DQMH
WE#
CAS#
RAS#
CS#
CLK
BA0
BA1
A10
C8301 0.1u
C8302 0.1u
C8303 0.1u
C8304 0.1u
C8309 0.1u
C8310 0.1u
C8311 0.1u
C8312 0.1u
R8306
R8307
R8308
R8309
R8310
R8311
R8312
R8313
R8314
R8315
R8316
R8317
R8318
R8319
R8320
R8321
IC8302
LHF64FA3
N_RESET_FLASH
FL_VCCW0
N_WE0_CPLD
N_RD_CPLD
R8323
R8324
R8302 0 PWB
C8305 0.1u
C8306 0.1u
N_CS_FLASH0
IC8305
A873WJ
IC8304
A873WJ
SDA
SCL
N_RESET
N_INT
N_CE
N_RD
N_WR
DNU
C8307 0.1u
C8308 0.1u
I2CSDA_A
I2CSCL_A
I2CSDA_B
I2CSCL_B
N_RESET_I2CA
N_CS_I2CA
N_RESET_I2CB
N_CS_I2CB
N_INT_I2CA
N_INT_I2CB
N_RESET_FLASH
N_CS_FLASH0

■ CPU Unit-4/5


J
I
H
G
F
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D
C
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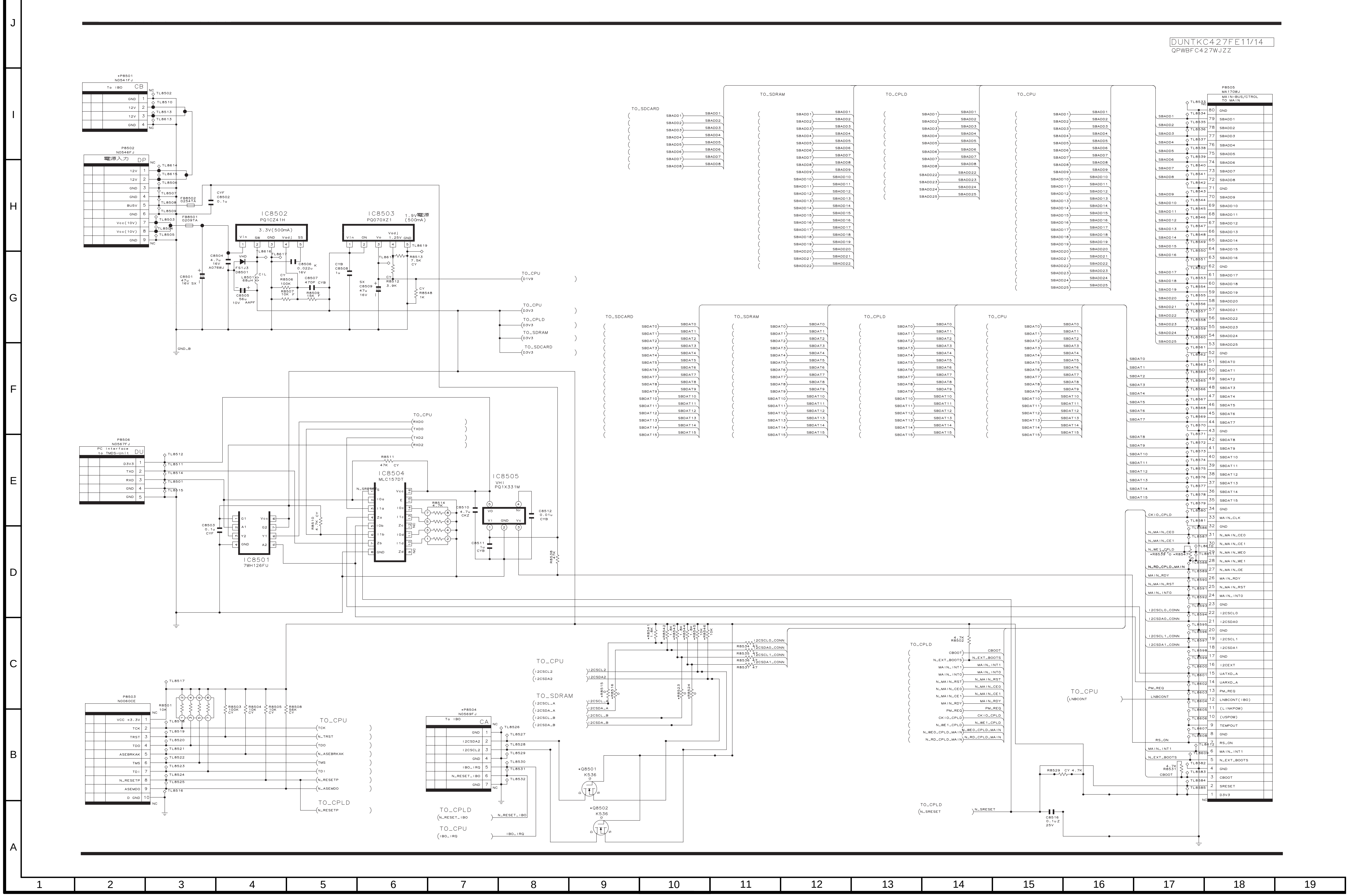
14
15
16
17
18
19
DUNTKC427FE11/14
QPWBFC427WJZZ
TO_CONN
D3V3
TO_CONN
SBADD1
SBADD2
SBADD3
SBADD4
SBADD5
SBADD6
SBADD7
SBADD8
SBDAT0
SBDAT1
SBDAT2
SBDAT3
SBDAT4
SBDAT5
SBDAT6
SBDAT7
SBDAT8
SBDAT9
SBDAT10
SBDAT11
SBDAT12
SBDAT13
SBDAT14
SBDAT15
TO_CPU
N_RD
N_WE0/N_DQMLL
SD_PWR
CKIO_SDCARD
TO_CPLD
N_SD_INT
N_RESET_SD
N_CS_SD
N_WAIT
IC8401
TC6384AF
R8401 10K
C8401 0.1u
C8402 0.1u
C8403 0.1u
C8404 0.1u
C8405 0.1u
C8406 0.1u
C8407 0.1u
C8408 0.1u
R8402 100
R8403 10K
R8404 10K
R8405 10K
R8406 10K
R8407 10K
R8408 10K
R8409 10K
R8410 10K
R8411 10K
R8412 10K
R8413 10K
R8414 10K
R8415 10K
R8416
R8417 0
R8418
R8419 56K
R8420 56K
R8421 56K CH
R8422 22
R8423 100K
R8424 4.7K
R8425 4.7K
Q8401 RTQ035P02
SD_D3V3
C8411 4.7u 10V A067WJ
FB8401 0251A
SD_VCC
OSDCLK
N_SD1CD
SD1DAT0
SD1DAT1
SD1WP
SD1CMD
SD1DAT2
SD1DAT3
SD1C_NCS_DAT3
SD1C_D1_CMD
SD1C_D0_DAT0
SDC1_CLK
SD1C_RSV_DAT2
SD1C_RSV_DAT1
SD_PWR
GND_B
SC8401
ZA050WJ
SD Card Socket
TL8401
TL8402
TL8403
TL8404
TL8405
TL8406
TL8407
TL8408
TL8409
TL8410
TL8411
TL8412
TL8413
1 CD/DAT3 (CS)
2 CMD (DI)
3 VSS1
4 VDD
5 CLK (SCLK)
6 VSS2
7 DAT0 (DO)
8 DAT1 (RSV)
9 DAT2 (RSV)
10 CD
11 COMMON
12 WP
XCS
A0
VDDS
MCLK
VSS
D4
A1
D5
VDD
A2
XACK
XIRQ
A3
D6
XRESET
A4
A5
D7
A6
A7
D8
XWE
OSDCLK
XEJECTIN
XSD1CD
FD0
SD1DAT0
FD1
SD1DAT1
SD1WP
XFWPSD/SD2CMD
SD1CMD
SD1DAT2
SD1DAT3
FCLE
XFCE/SD2DAT0
FD2
FD3
XFWE/SD2DAT1
XFBSY
XCD2
NC

■ CPU Unit-5/5


DUNTKC427FE11/14
QPWBFC427WJZZ
P8501 N0541FJ
To IBO CB
P8502 N0546FJ
電源入力 DP
IC8502 PQ1CZ41H
3.3V(500mA)
IC8503 PQ070XZ1
1.9V電源 (500mA)
1.25V
TO_CPU
TO_CPLD
TO_SDRAM
TO_SDCARD
P8506 N0567FJ
PC Interface to TMDS-Unit DU
IC8501 7WH126FU
IC8504 MLC157DT
IC8505 VHi PQ1X331M
P8503 N0060CE
P8504 N0569FJ
To IBO CA
Q8501 K536
Q8502 K536
P8505 MA170WJ
MAIN-BUS/CTROL TO MAIN
J
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C
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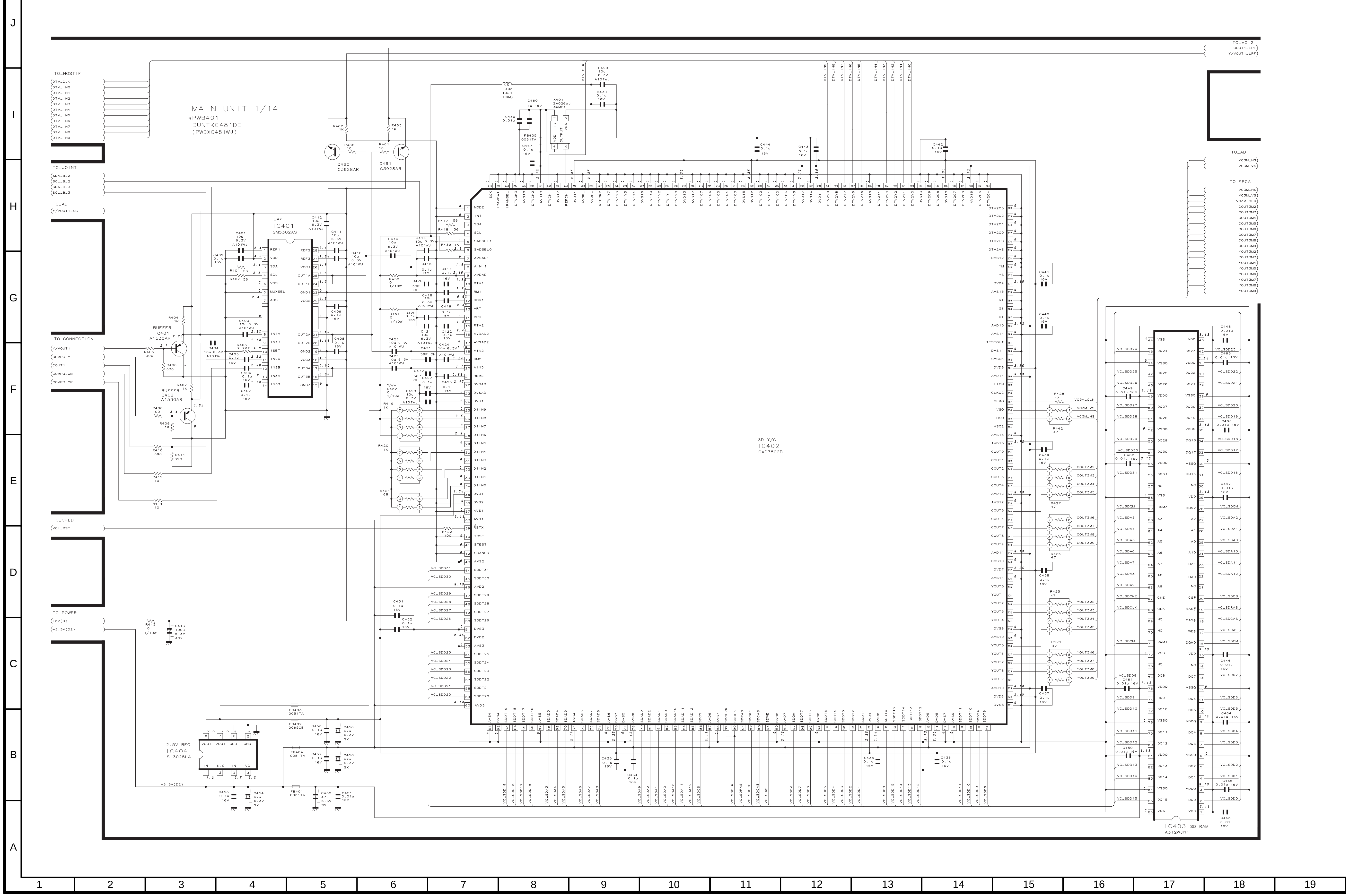
19

■ MAIN Unit-1/14


MAIN UNIT 1/14
*PWB401
DUNTKC481DE
(PWBXC481WJ)
TO_HOSTIF
TO_JOINT
TO_AD
TO_CONNECTION
TO_CPLD
TO_POWER
TO_VC12
TO_FPGA
LPF
IC401
SM5302AS
3D-Y/C
IC402
CXD3802B
IC403 SD RAM
A312WJN1
2.5V REG
IC404
SI3025LA
Q460
C3928AR
Q461
C3928AR
BUFFER
Q401
A1530AR
BUFFER
Q402
A1530AR
X401
ZA026WJ
80MHz
J
I
H
G
F
E
D
C
B
A
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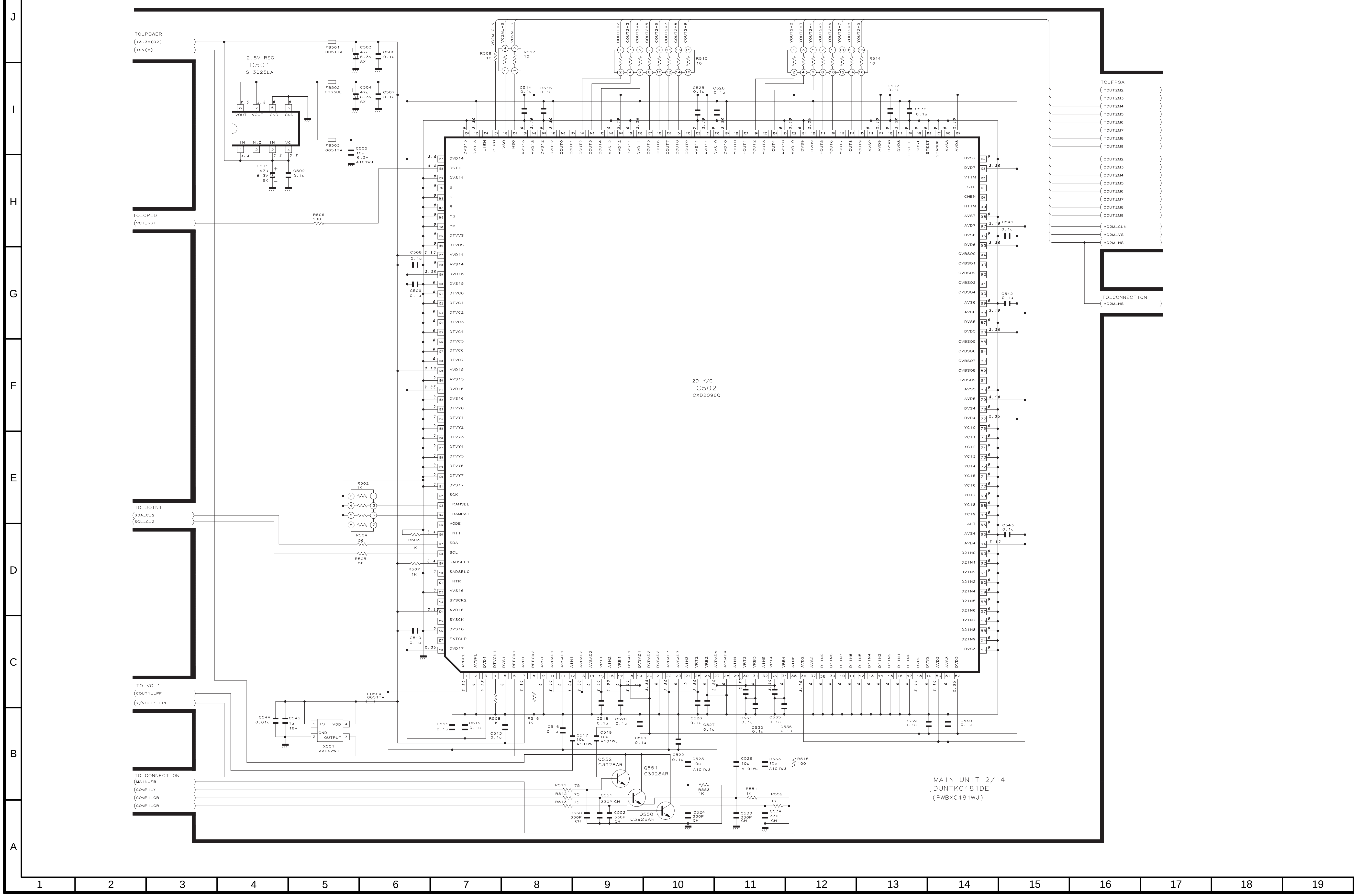
■ MAIN Unit-2/14


TO_POWER
+3.3V(D2)
+9V(A)
2.5V REG
IC501
SI3025LA
FB501 0051TA
FB502 0065CE
FB503 0051TA
FB504 0051TA
C501 47u 6.3V SX
C502 0.1u
C503 47u 6.3V SX
C504 47u 6.3V SX
C505 10u 6.3V A101WJ
C506 0.1u
C507 0.1u
TO_CPLD
VCI_RST
R506 100
TO_JOINT
SDA_C_2
SCL_C_2
R502 1K
R503 1K
R504 56
R505 56
R507 1K
R509 10
R517 10
R510 10
R514 10
VC2M_CLK
VC2M_VS
VC2M_HS
COUT2M2
COUT2M3
COUT2M4
COUT2M5
COUT2M6
COUT2M7
COUT2M8
COUT2M9
YOUT2M2
YOUT2M3
YOUT2M4
YOUT2M5
YOUT2M6
YOUT2M7
YOUT2M8
YOUT2M9
2D-Y/C
IC502
CXD2096Q
TO_FPGA
TO_CONNECTION
VC2M_HS
TO_VCI1
COUT1_LPF
Y/VOUT1_LPF
X501
AA042WJ
C544 0.01u
C545 1u 16V
TO_CONNECTION
MAIN_FB
COMP1_Y
COMP1_CB
COMP1_CR
R511 75
R512 75
R513 75
Q550 C3928AR
Q551 C3928AR
Q552 C3928AR
R515 100
R551 1K
R552 1K
R553 1K
C550 330P CH
C551 330P CH
C552 330P CH
C524 330P CH
C530 330P CH
C534 330P CH
C529 10u A101WJ
C533 10u A101WJ
C523 10u A101WJ
C517 10u A101WJ
C519 10u A101WJ
R508 1K
R516 1K
MAIN UNIT 2/14
DUNTKC481DE
(PWBXC481WJ)
J
I
H
G
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E
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C
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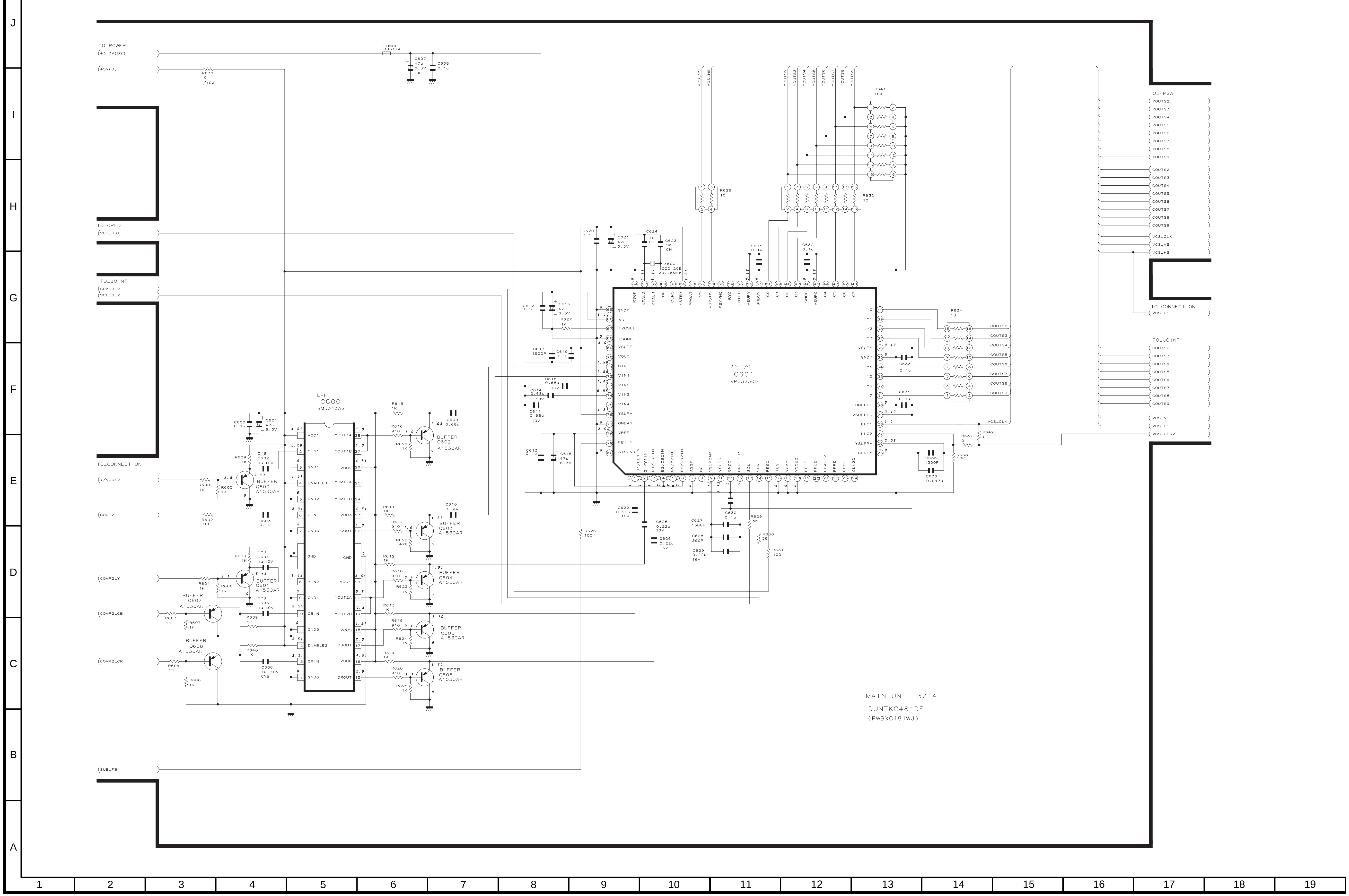
■MAIN Unit-3/14


TO_POWER
(+3.3V(D2)
(+5V(D)
TO_CPLD
(VCI_RST
TO_JOINT
(SDA_B_2
(SCL_B_2
TO_CONNECTION
(Y/VOUT2
(COUT2
(COMP2_Y
(COMP2_CB
(COMP2_CR
(SUB_FB
LPF
IC600
SM5313AS
2D-Y/C
IC601
VPC3230D
X600
C0012CE
20.25MHz
BUFFER
Q600
A1530AR
BUFFER
Q601
A1530AR
BUFFER
Q602
A1530AR
BUFFER
Q603
A1530AR
BUFFER
Q604
A1530AR
BUFFER
Q605
A1530AR
BUFFER
Q606
A1530AR
BUFFER
Q607
A1530AR
BUFFER
Q608
A1530AR
TO_FPGA
YOUTS2
YOUTS3
YOUTS4
YOUTS5
YOUTS6
YOUTS7
YOUTS8
YOUTS9
COUTS2
COUTS3
COUTS4
COUTS5
COUTS6
COUTS7
COUTS8
COUTS9
VCS_CLK
VCS_VS
VCS_HS
TO_CONNECTION
(VCS_HS
TO_JOINT
COUTS2
COUTS3
COUTS4
COUTS5
COUTS6
COUTS7
COUTS8
COUTS9
VCS_VS
VCS_HS
VCS_CLK2
MAIN UNIT 3/14
DUNTKC481DE
(PWBXC481WJ)
J
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H
G
F
E
D
C
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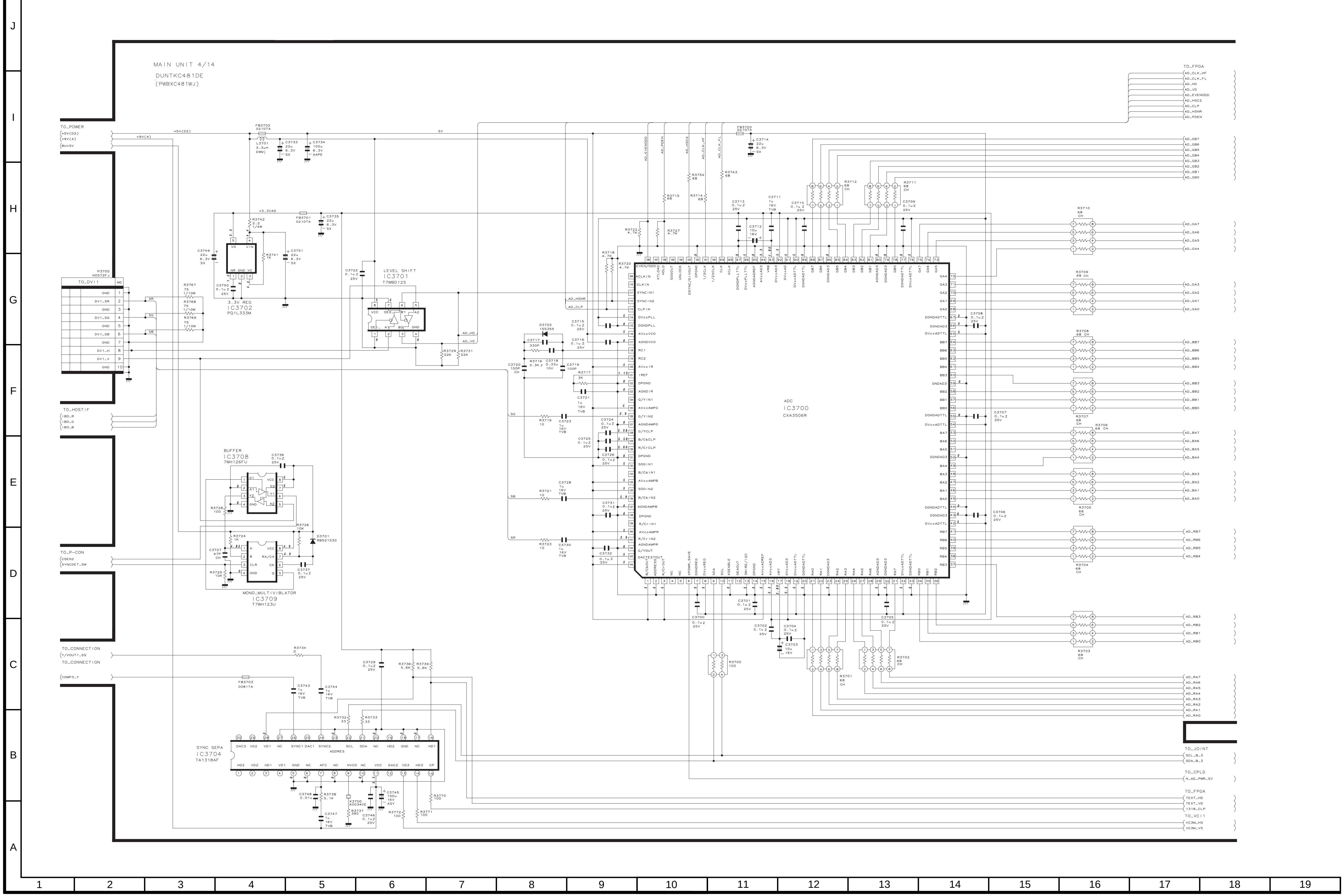
■ MAIN Unit-4/14


MAIN UNIT 4/14
DUNTKC481DE
(PWBXC481WJ)
TO_POWER
+5V(D2)
+9V(A)
BU+5V
5V
+3.3VAD
3.3V REG
IC3702
PQ1L333M
LEVEL SHIFT
IC3701
T7WBD125
P3700
TO_DVI1
DVI_SR
DVI_SG
DVI_SB
DVI_H
DVI_V
GND
TO_HOSTIF
IBO_R
IBO_G
IBO_B
BUFFER
IC3708
7WH126FU
MONO_MULTIVIBLATOR
IC3709
T7WH123U
TO_P-CON
CSEN2
SYNCDET_SW
TO_CONNECTION
Y/VOUT1_SS
COMP3_Y
SYNC SEPA
IC3704
TA1318AF
ADC
IC3700
CXA3506R
TO_FPGA
AD_CLK_HF
AD_CLK_FL
AD_HD
AD_VD
AD_EVENODD
AD_HSC2
AD_CLP
AD_HSNR
AD_PDEN
AD_GB7
AD_GB6
AD_GB5
AD_GB4
AD_GB3
AD_GB2
AD_GB1
AD_GB0
AD_GA7
AD_GA6
AD_GA5
AD_GA4
AD_GA3
AD_GA2
AD_GA1
AD_GA0
AD_BB7
AD_BB6
AD_BB5
AD_BB4
AD_BB3
AD_BB2
AD_BB1
AD_BB0
AD_BA7
AD_BA6
AD_BA5
AD_BA4
AD_BA3
AD_BA2
AD_BA1
AD_BA0
AD_RB7
AD_RB6
AD_RB5
AD_RB4
AD_RB3
AD_RB2
AD_RB1
AD_RB0
AD_RA7
AD_RA6
AD_RA5
AD_RA4
AD_RA3
AD_RA2
AD_RA1
AD_RA0
TO_JOINT
SCL_B_3
SDA_B_3
TO_CPLD
N_AD_PWR_SV
TO_FPGA
TEXT_HD
TEXT_VD
1318_CLP
TO_VCI1
VC3M_HS
VC3M_VS
J
I
H
G
F
E
D
C
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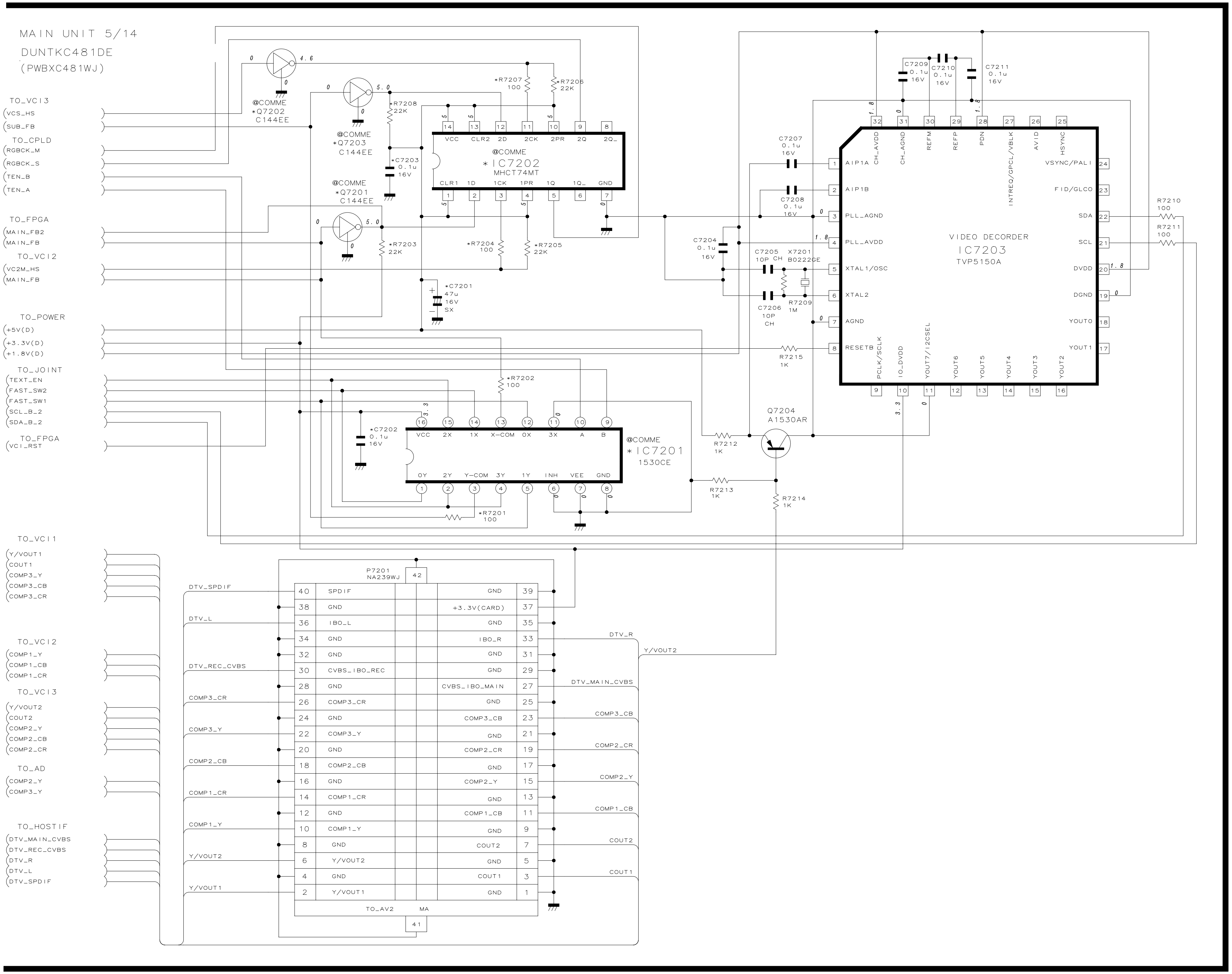
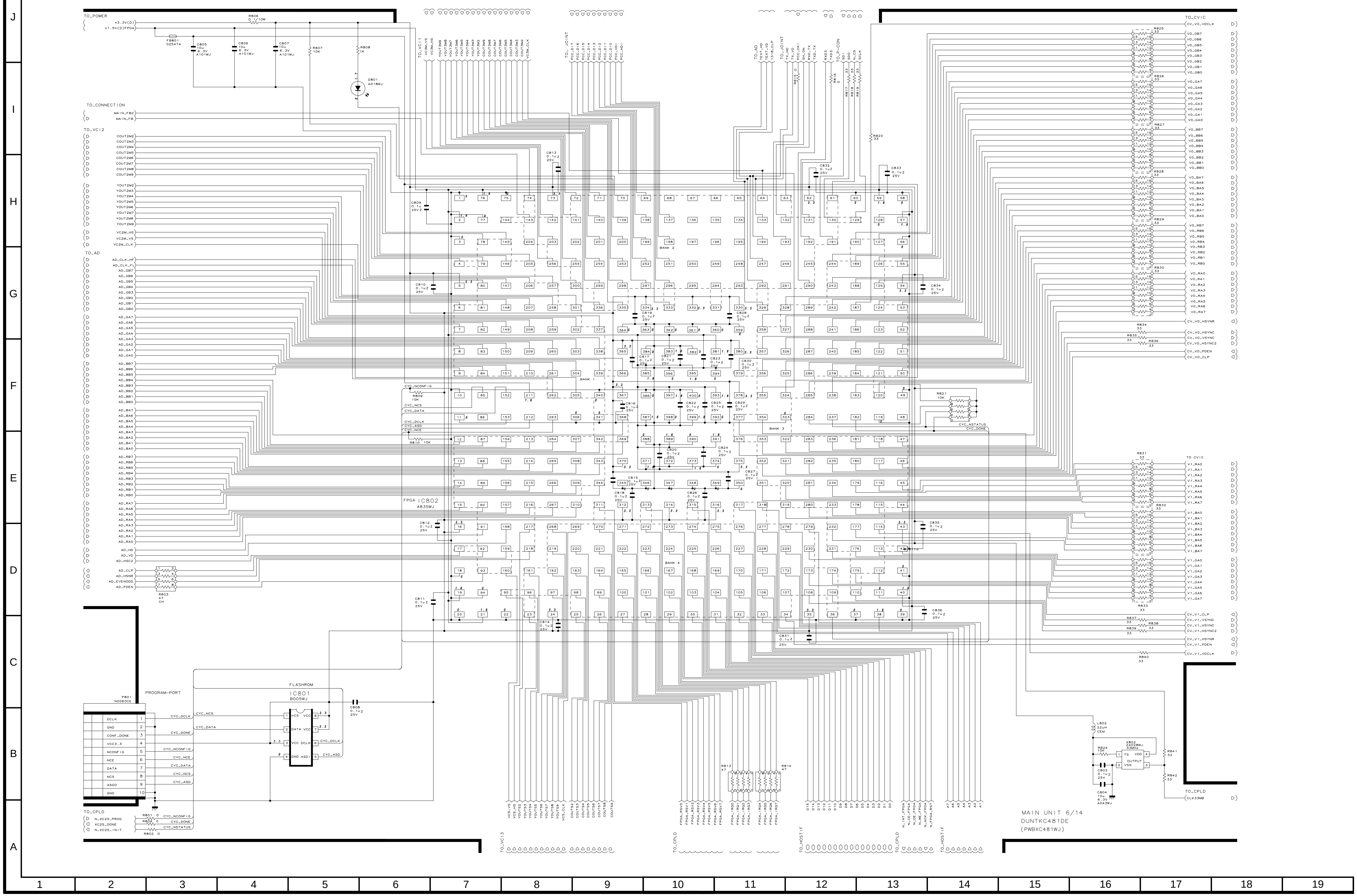
■ MAIN Unit-5/14


MAIN UNIT 5/14
DUNTKC481DE
(PWBXC481WJ)
TO_VCI3
VCS_HS
SUB_FB
TO_CPLD
RGBCK_M
RGBCK_S
TEN_B
TEN_A
TO_FPGA
MAIN_FB2
MAIN_FB
TO_VCI2
VC2M_HS
MAIN_FB
TO_POWER
+5V(D)
+3.3V(D)
+1.8V(D)
TO_JOINT
TEXT_EN
FAST_SW2
FAST_SW1
SCL_B_2
SDA_B_2
TO_FPGA
VCI_RST
TO_VCI1
Y/VOUT1
COUT1
COMP3_Y
COMP3_CB
COMP3_CR
TO_VCI2
COMP1_Y
COMP1_CB
COMP1_CR
TO_VCI3
Y/VOUT2
COUT2
COMP2_Y
COMP2_CB
COMP2_CR
TO_AD
COMP2_Y
COMP3_Y
TO_HOSTIF
DTV_MAIN_CVBS
DTV_REC_CVBS
DTV_R
DTV_L
DTV_SPDIF
@COMME
*Q7202
C144EE
@COMME
*Q7203
C144EE
@COMME
*Q7201
C144EE
*R7207
100
*R7206
22K
*R7208
22K
*C7203
0.1u
16V
@COMME
*IC7202
MHCT74MT
VCC CLR2 2D 2CK 2PR 2Q 2Q_
CLR1 1D 1CK 1PR 1Q 1Q_ GND
*R7203
22K
*R7204
100
*R7205
22K
*C7201
47u
16V
SX
*R7202
100
*C7202
0.1u
16V
@COMME
*IC7201
1530CE
VCC 2X 1X X-COM 0X 3X A B
0Y 2Y Y-COM 3Y 1Y INH VEE GND
*R7201
100
C7207
0.1u
16V
C7208
0.1u
16V
C7204
0.1u
16V
C7205
10P CH
X7201
B0222GE
R7209
1M
C7206
10P
CH
R7215
1K
C7209
0.1u
16V
C7210
0.1u
16V
C7211
0.1u
16V
CH_AVDD CH_AGND REFM REFP PDN INTREQ/GPCL/VBLK AVID HSYNC
AIP1A
AIP1B
PLL_AGND
PLL_AVDD
XTAL1/OSC
XTAL2
AGND
RESETB
VSYNC/PALI
FID/GLCO
SDA
SCL
DVDD
DGND
YOUT0
YOUT1
PCLK/SCLK IO_DVDD YOUT7/I2CSEL YOUT6 YOUT5 YOUT4 YOUT3 YOUT2
VIDEO DECORDER
IC7203
TVP5150A
R7210
100
R7211
100
Q7204
A1530AR
R7212
1K
R7213
1K
R7214
1K
P7201
NA239WJ
SPDIF
GND
+3.3V(CARD)
IBO_L
IBO_R
CVBS_IBO_REC
CVBS_IBO_MAIN
COMP3_CR
COMP3_CB
COMP3_Y
COMP2_CR
COMP2_CB
COMP2_Y
COMP1_CR
COMP1_CB
COMP1_Y
COUT2
Y/VOUT2
COUT1
Y/VOUT1
TO_AV2
MA
DTV_SPDIF
DTV_L
DTV_REC_CVBS
COMP3_CR
COMP3_Y
COMP2_CB
COMP1_CR
COMP1_Y
Y/VOUT2
Y/VOUT1
DTV_R
Y/VOUT2
DTV_MAIN_CVBS
COMP3_CB
COMP2_CR
COMP2_Y
COMP1_CB
COUT2
COUT1
4.6
5.0
5.0
1.8
3.3

■MAIN Unit-6/13


TO_POWER
+3.3V(D)
+1.5V(D)FPGA
TO_CONNECTION
MAIN_FB2
MAIN_FB
TO_VC12
TO_AD
TO_VC11
TO_JOINT
TO_P_CON
TO_VCIC
FPGA IC802
A835WJ
BANK 1
BANK 2
BANK 3
BANK 4
FLASHROM
IC801
B005WJ
PROGRAM-PORT
P801
N0060CE
TO_CPLD
TO_VC13
TO_HOSTIF
MAIN UNIT 6/14
DUNTKC481DE
(PWBXC481WJ)
J
I
H
G
F
E
D
C
B
A
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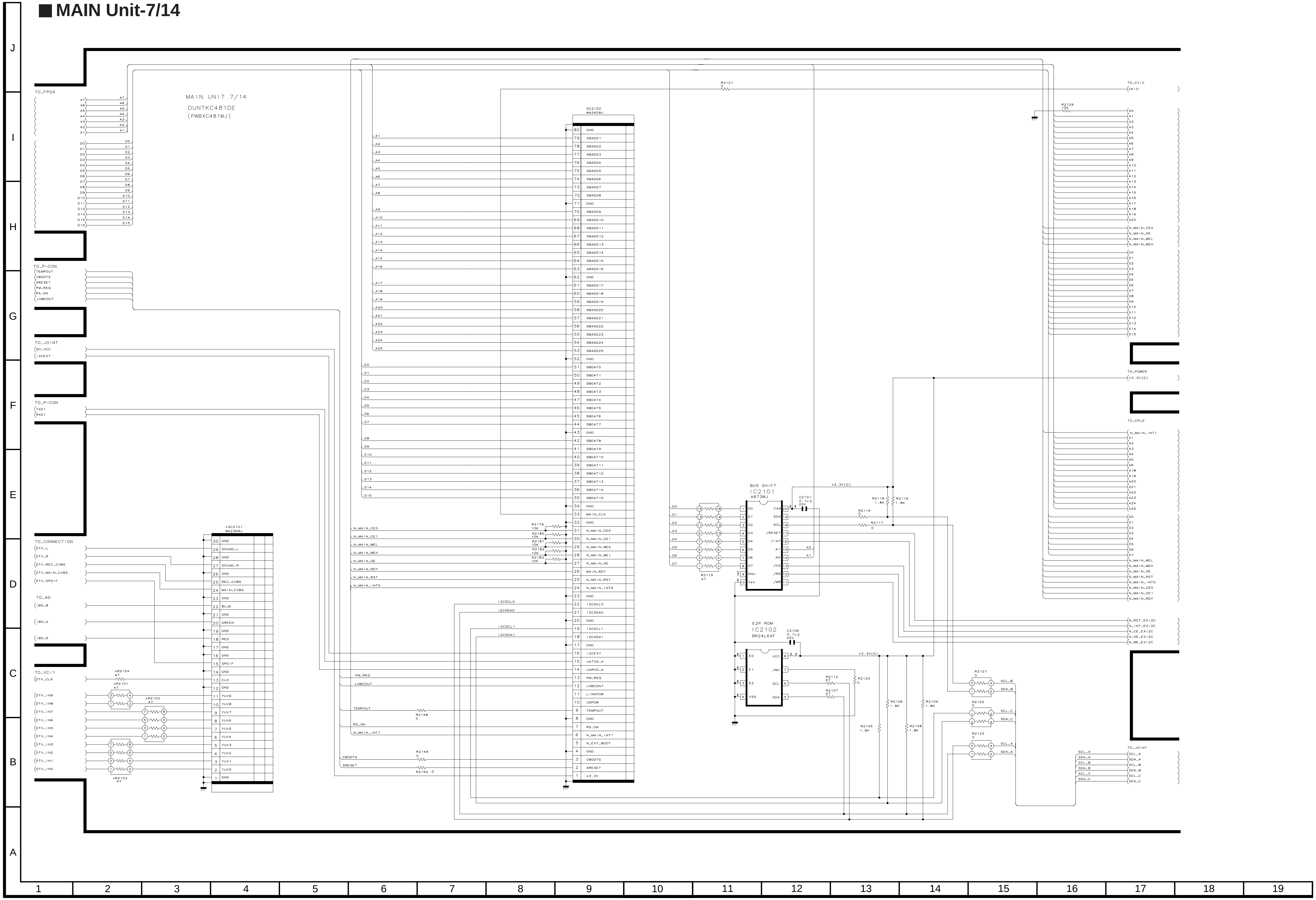
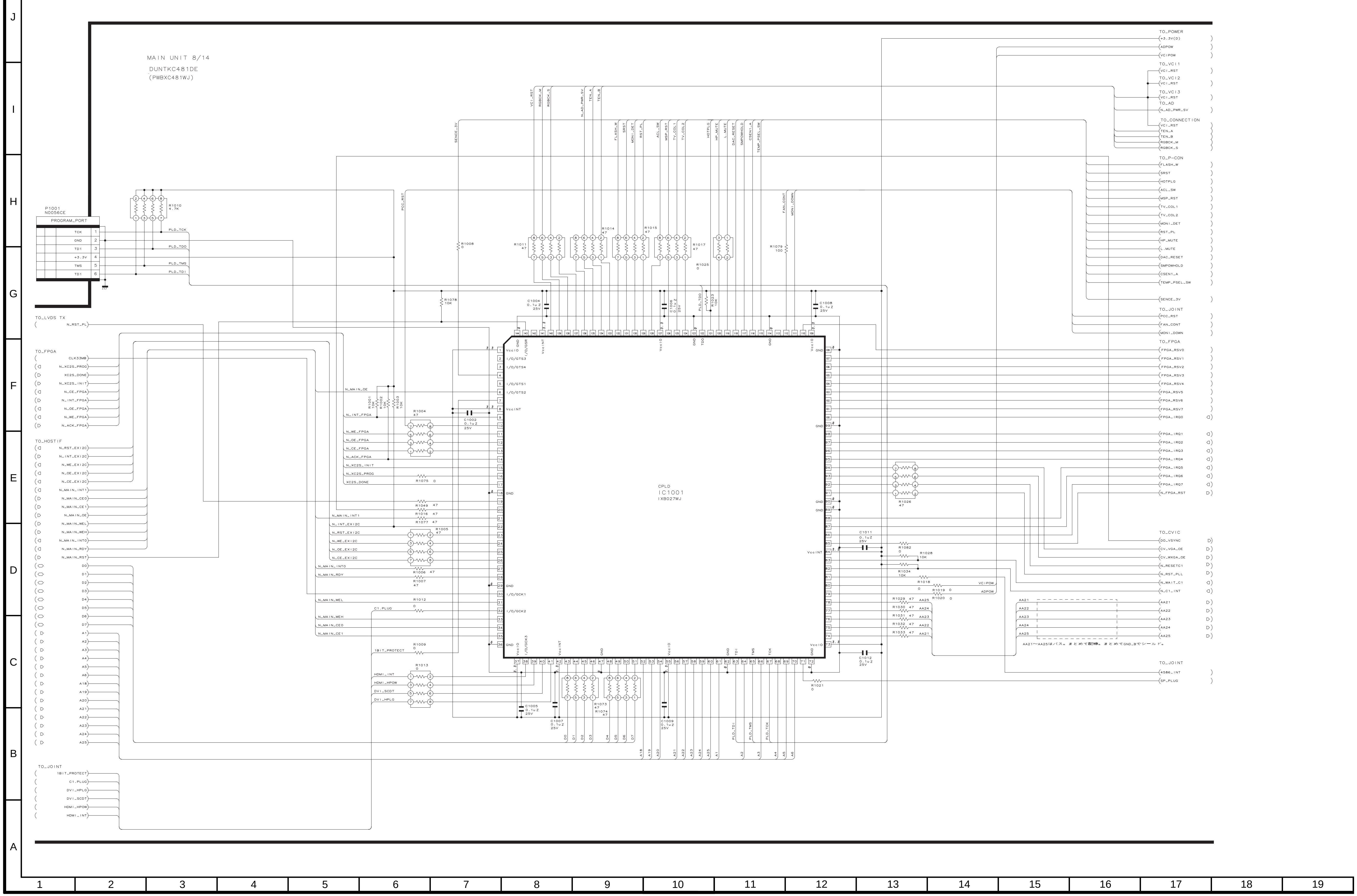
■ MAIN Unit-7/14


MAIN UNIT 7/14
DUNTKC481DE
(PWBXC481WJ)
TO_FPGA
A1 A2 A3 A4 A5 A6 A7
D0 D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15
TO_P-CON
TEMPOUT
CBOOTS
SRESET
PM_REQ
RS_ON
LNBCOUT
TO_JOINT
SH_VCC
I2CEXT
TO_P-CON
TXD1
RXD1
TO_CONNECTION
DTV_L
DTV_R
DTV_REC_CVBS
DTV_MAIN_CVBS
DTV_SPDIF
TO_AD
I80_B
I80_G
I80_R
TO_VCI1
DTV_CLK
DTV_IN9
DTV_IN8
DTV_IN7
DTV_IN6
DTV_IN5
DTV_IN4
DTV_IN3
DTV_IN2
DTV_IN1
DTV_IN0
R2104 47
R2101 47
R2102 47
R2103 47
SC2101 WA236WJ
GND SOUND_L GND SOUND_R GND REC_CVBS MAIN_CVBS GND BLUE GND GREEN GND RED GND GND SPDIF GND CLK GND YUV9 YUV8 YUV7 YUV6 YUV5 YUV4 YUV3 YUV2 YUV1 YUV0 GND
SC2102 WA240WJ
GND SBADD1 SBADD2 SBADD3 SBADD4 SBADD5 SBADD6 SBADD7 SBADD8 GND SBADD9 SBADD10 SBADD11 SBADD12 SBADD13 SBADD14 SBADD15 SBADD16 GND SBADD17 SBADD18 SBADD19 SBADD20 SBADD21 SBADD22 SBADD23 SBADD24 SBADD25 GND SBDAT0 SBDAT1 SBDAT2 SBDAT3 SBDAT4 SBDAT5 SBDAT6 SBDAT7 GND SBDAT8 SBDAT9 SBDAT10 SBDAT11 SBDAT12 SBDAT13 SBDAT14 SBDAT15 GND MAIN_CLK GND N_MAIN_CE0 N_MAIN_CE1 N_MAIN_WE0 N_MAIN_WE1 N_MAIN_OE MAIN_RDY N_MAIN_RST N_MAIN_INT0 GND I2CSCL0 I2CSDA0 GND I2CSCL1 I2CSDA1 GND I2CEXT UATXD_A UARXD_A PM_REQ LNBCONT LINKPOW USPOW TEMPOUT GND RS_ON N_MAIN_INT1 N_EXT_BOOT GND CBOOTS SRESET +3.3V
N_MAIN_CE0 N_MAIN_CE1 N_MAIN_WEL N_MAIN_WEH N_MAIN_OE N_MAIN_RDY N_MAIN_RST N_MAIN_INT0
R2179 10K
R2180 10K
R2181 10K
R2182 10K
R2183 10K
R2148 0
R2149 0
R2150 0
R2121 0
R2129 10K
BUS SHIFT
IC2101
A873WJ
D0 D1 D2 D3 D4 D5 D6 D7 DNU Vss Vdd SDA SCL /RESET /INT A1 A0 /CE /RD /WR
R2115 47
C2101 0.1u Z 25V
+3.3V(D)
R2118 1.8K
R2119 1.8K
R2116 0
R2117 0
E2P ROM
IC2102
BR24L64F
E0 E1 E2 VSS VCC /WC SCL SDA
C2106 0.1u Z 25V
R2112 47
R2107 47
R2120 0
R2106 1.8K
R2109 1.8K
R2105 1.8K
R2108 1.8K
R2127 0
R2153 0
R2123 0
SCL_B SDA_B SCL_C SDA_C SCL_A SDA_A
TO_CVIC
CKIO
A0 A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13 A14 A15 A16 A17 A18 A19 A20
N_MAIN_CE0 N_MAIN_OE N_MAIN_WEL N_MAIN_WEH
D0 D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15
TO_POWER
+3.3V(D)
TO_CPLD
N_MAIN_INT1 A1 A2 A3 A4 A5 A6 A18 A19 A20 A21 A22 A23 A24 A25 D0 D1 D2 D3 D4 D5 D6 D7 N_MAIN_WEL N_MAIN_WEH N_MAIN_OE N_MAIN_RST N_MAIN_INT0 N_MAIN_CE0 N_MAIN_CE1 N_MAIN_RDY
N_RST_EXI2C N_INT_EXI2C N_CE_EXI2C N_OE_EXI2C N_WE_EXI2C
TO_JOINT
SCL_A SDA_A SCL_B SDA_B SCL_C SDA_C
J I H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

■ MAIN Unit-8/14


MAIN UNIT 8/14
DUNTKC481DE
(PWBXC481WJ)
P1001
N0056CE
PROGRAM_PORT
TCK
GND
TDI
+3.3V
TMS
TDI
R1010
4.7K
PLD_TCK
PLD_TDO
PLD_TMS
PLD_TDI
TO_LVDS TX
N_RST_PL
TO_FPGA
CLK33MB
N_XC2S_PROG
XC2S_DONE
N_XC2S_INIT
N_CE_FPGA
N_INT_FPGA
N_OE_FPGA
N_WE_FPGA
N_ACK_FPGA
TO_HOSTIF
N_RST_EXI2C
N_INT_EXI2C
N_WE_EXI2C
N_OE_EXI2C
N_CE_EXI2C
N_MAIN_INT1
N_MAIN_CE0
N_MAIN_CE1
N_MAIN_OE
N_MAIN_WEL
N_MAIN_WEH
N_MAIN_INT0
N_MAIN_RDY
N_MAIN_RST
D0
D1
D2
D3
D4
D5
D6
D7
A1
A2
A3
A4
A5
A6
A18
A19
A20
A21
A22
A23
A24
A25
TO_JOINT
1BIT_PROTECT
C1_PLUG
DVI_HPLG
DVI_SCDT
HDMI_HPOW
HDMI_INT
CPLD
IC1001
IXB027WJ
R1001 10K
R1002 10K
R1003 10K
R1004 47
R1005 47
R1006 47
R1007 47
R1008 0
R1009 0
R1011 47
R1012 0
R1013 0
R1014 47
R1015 47
R1016 47
R1017 47
R1018 0
R1019 0
R1020 0
R1021 0
R1025 0
R1026 47
R1028 10K
R1029 47
R1030 47
R1031 47
R1032 47
R1033 47
R1034 10K
R1049 47
R1073 47
R1074 47
R1075 0
R1077 47
R1078 10K
R1079 100
R1082 0
C1002 0.1uZ 25V
C1004 0.1uZ 25V
C1005 0.1uZ 25V
C1006 0.1uZ 25V
C1007 0.1uZ 25V
C1008 0.1uZ 25V
C1009 0.1uZ 25V
C1011 0.1uZ 25V
C1012 0.1uZ 25V
VCI_RST
RGBCK_M
RGBCK_S
N_AD_PWR_5V
TEN_A
TEN_B
SENCE_3V
FLASH_W
SRST
MONI_DET
RST_PL
ACL_SW
MSP_RST
TV_COL1
TV_COL2
HOTPLG
HP_MUTE
L_MUTE
DAC_RESET
SMPOWHOLD
CSEN1_A
TEMP_PSEL_SW
PCC_RST
FAN_CONT
MONI_DOWN
TO_POWER
+3.3V(D)
ADPOW
VCIPOW
TO_VCI1
TO_VCI2
TO_VCI3
TO_AD
TO_CONNECTION
TO_P-CON
TO_JOINT
TO_FPGA
FPGA_RSV0
FPGA_RSV1
FPGA_RSV2
FPGA_RSV3
FPGA_RSV4
FPGA_RSV5
FPGA_RSV6
FPGA_RSV7
FPGA_IRQ0
FPGA_IRQ1
FPGA_IRQ2
FPGA_IRQ3
FPGA_IRQ4
FPGA_IRQ5
FPGA_IRQ6
FPGA_IRQ7
N_FPGA_RST
TO_CVIC
DD_VSYNC
CV_VGA_OE
CV_WXGA_OE
N_RESETC1
N_RST_PLL
N_WAIT_C1
N_C1_INT
AA21
AA22
AA23
AA24
AA25
AA21〜AA25はバスでまとめて配線。まとめてGND_Bでシールド。
4586_INT
SP_PLUG
VccIO
VccINT
GND
I/O/GTS1
I/O/GTS2
I/O/GTS3
I/O/GTS4
I/O/GSR
I/O/GCK1
I/O/GCK2
I/O/GCK3
TDO
TDI
TMS
TCK
PLD_TDO
PLD_TDI
PLD_TMS
PLD_TCK
3.3
J
I
H
G
F
E
D
C
B
A
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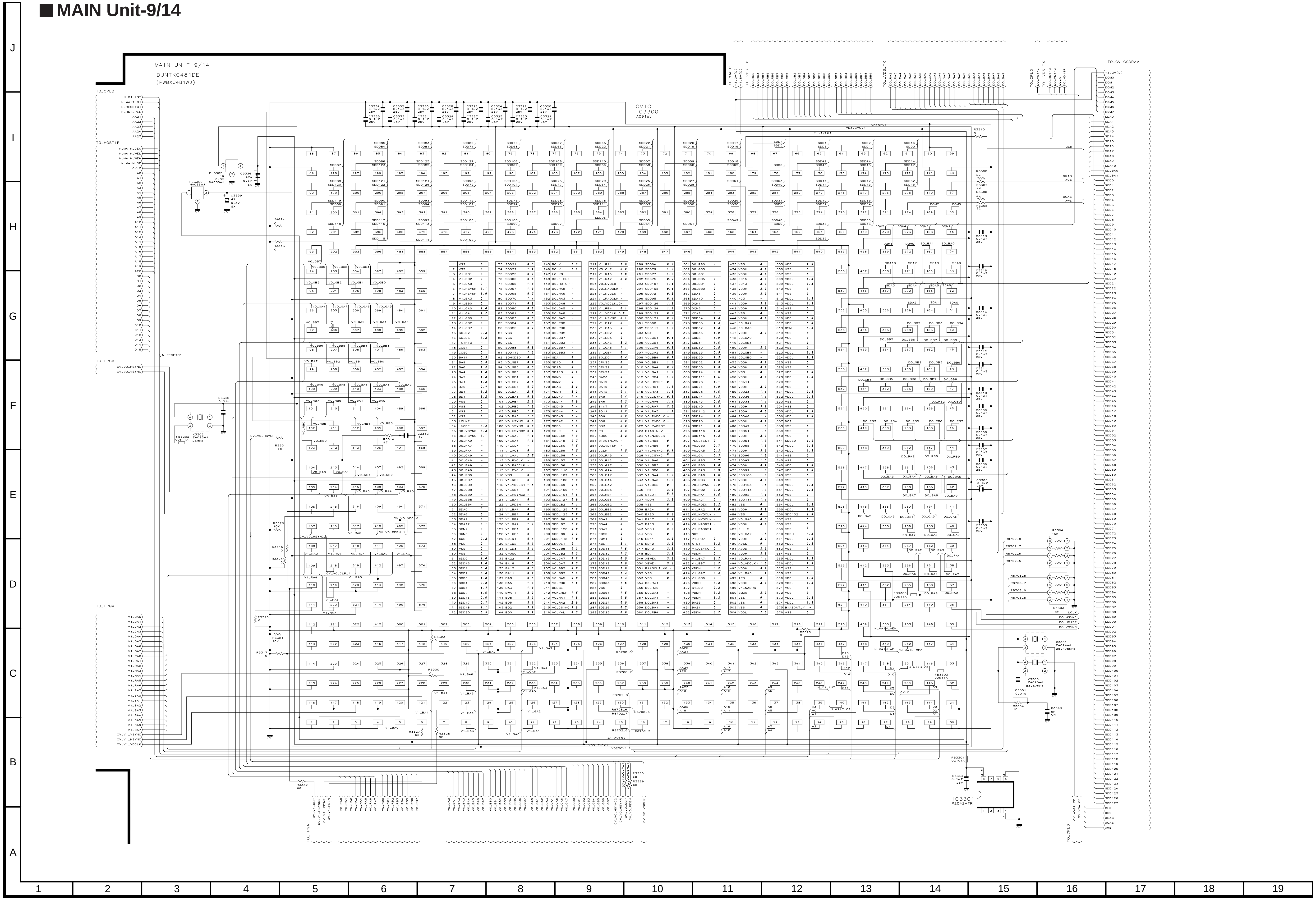
■ MAIN Unit-9/14


MAIN UNIT 9/14
DUNTKC481DE
(PWBXC481WJ)
CVIC
IC3300
AO91WJ
IC3301
P2042ATR
TO_CPLD
TO_HOSTIF
TO_FPGA
TO_POWER
TO_LVDS_TX
TO_CVICSDRAM
X3300
X3301
X3302
FL3300
FL3305
J
I
H
G
F
E
D
C
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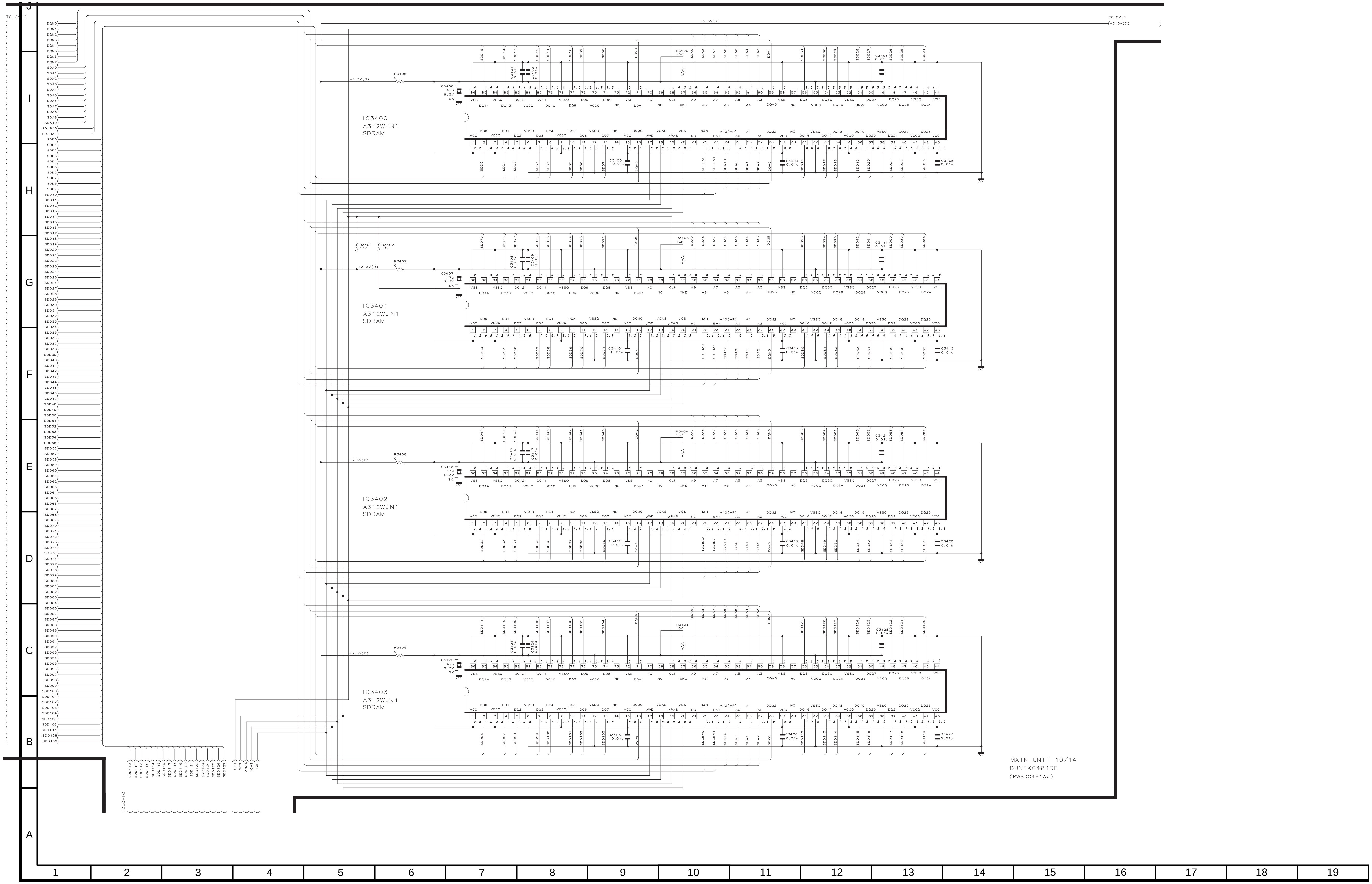
■MAIN Unit-10/14


J
I
H
G
F
E
D
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B
A
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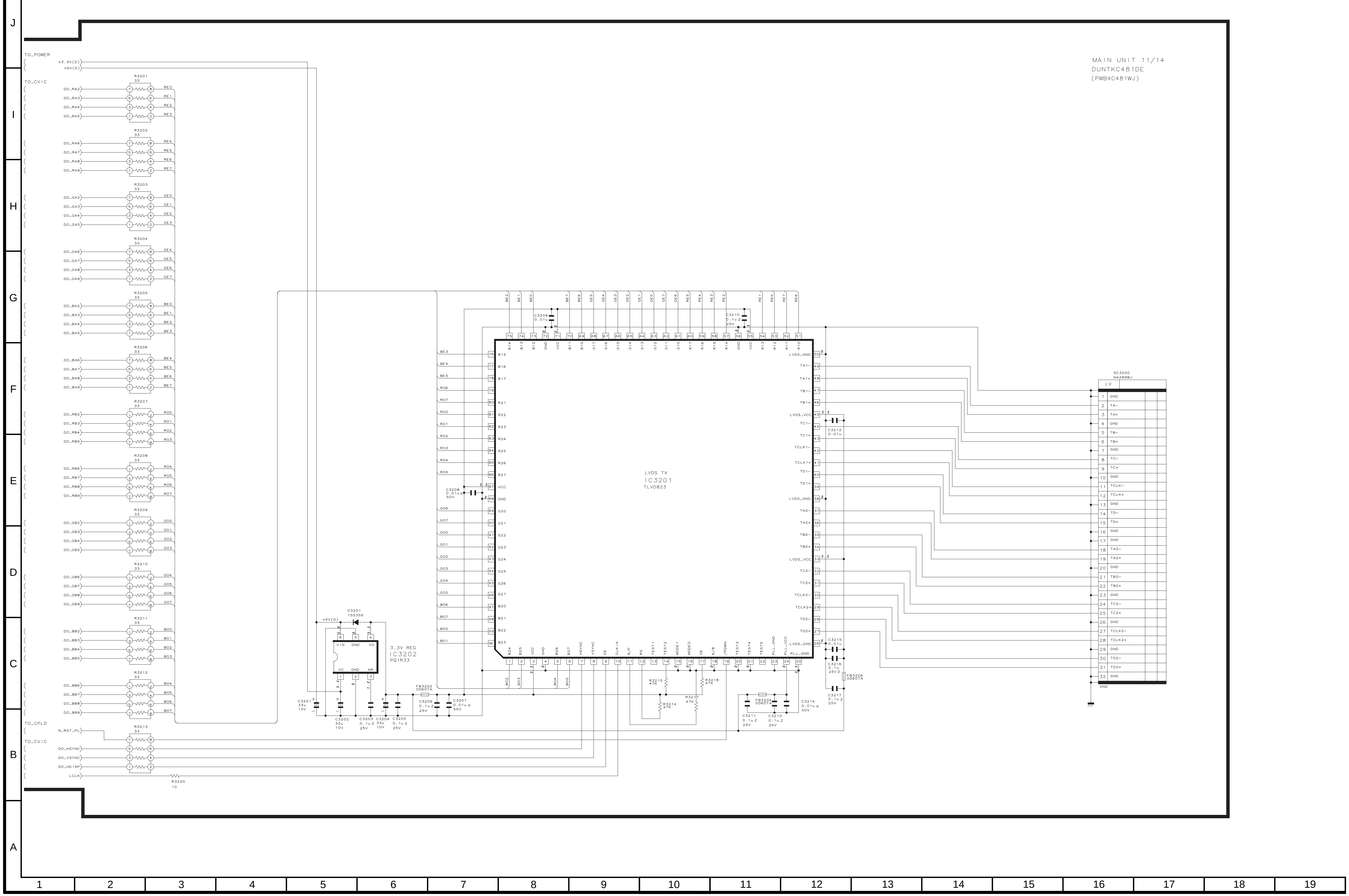
12
13
14
15
16
17
18
19
TO_CVIC
+3.3V(D)
IC3400
A312WJN1
SDRAM
IC3401
A312WJN1
SDRAM
IC3402
A312WJN1
SDRAM
IC3403
A312WJN1
SDRAM
R3400 10K
R3401 470
R3402 180
R3403 10K
R3404 10K
R3405 10K
R3406 0
R3407 0
R3408 0
R3409 0
C3400 47u 6.3V SX
C3407 47u 6.3V SX
C3415 47u 6.3V SX
C3422 47u 6.3V SX
MAIN UNIT 10/14
DUNTKC481DE
(PWBXC481WJ)

■MAIN Unit-11/14


MAIN UNIT 11/14
DUNTKC481DE
(PWBXC481WJ)
TO_POWER
+3.3V(D)
+5V(D)
TO_CVIC
R3201 33
R3202 33
R3203 33
R3204 33
R3205 33
R3206 33
R3207 33
R3208 33
R3209 33
R3210 33
R3211 33
R3212 33
R3213 33
R3220 10
TO_CPLD
N_RST_PL
DO_HSYNC
DO_VSYNC
DO_HDISP
LCLK
D3201 1SS355
3.3V REG
IC3202
PQ1R33
FB3202 0060TA
C3201 33u 10V
C3202 33u 10V
C3203 0.1u Z 25V
C3204 33u 10V
C3205 0.1u Z 25V
C3206 0.1u Z 25V
C3207 0.01u K 50V
C3208 0.01u K 50V
C3209 0.01u
C3210 0.1u Z 25V
LVDS TX
IC3201
TLVD823
R3214 47K
R3215 47K
R3217 47K
R3218 47K
FB3204 0060TA
C3211 0.1u Z 25V
C3213 0.1u Z 25V
C3214 0.01u K 50V
C3212 0.01u
C3215 0.01u
C3216 0.1u 25V Z
C3217 0.1u Z 25V
FB3206 0060TA
SC3200
NA289WJ
LV
GND
TA-
TA+
TB-
TB+
TC-
TC+
TCLK-
TCLK+
TD-
TD+
TA2-
TA2+
TB2-
TB2+
TC2-
TC2+
TCLK2-
TCLK2+
TD2-
TD2+
J
I
H
G
F
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D
C
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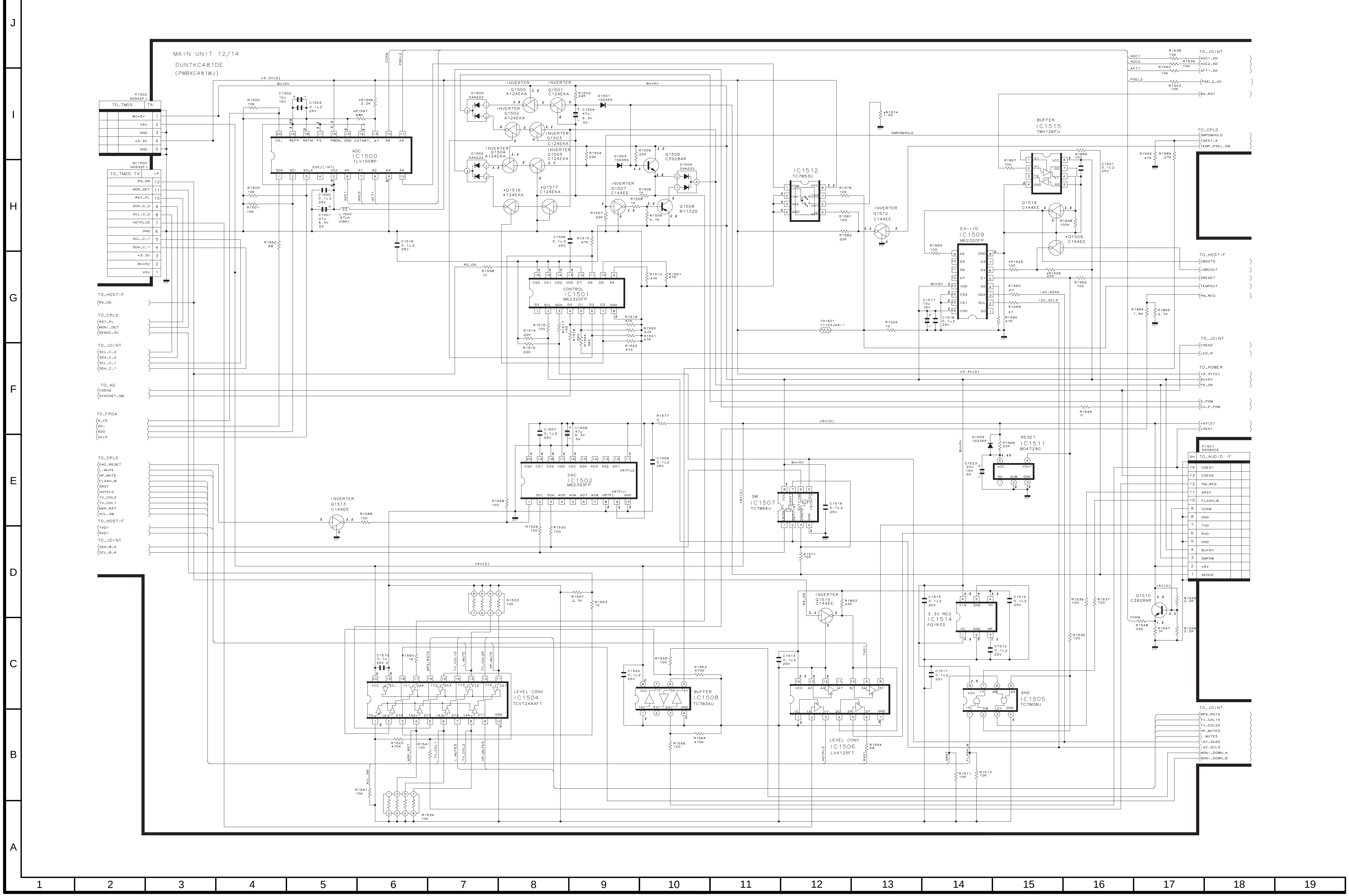
■ MAIN Unit-12/14


MAIN UNIT 12/14
DUNTKC481DE
(PWBXC481WJ)
P1502
N0542FJ
TO_TMDS
SC1500
N0532FJ
TO_TMDS TX
TO_HOSTIF
TO_CPLD
TO_JOINT
TO_AD
TO_FPGA
TO_POWER
TO_AUDIO IF
ADC
IC1500
TLV1508P
INVERTER
Q1500
A124EKA
Q1501
C124EKA
Q1502
A124EKA
Q1503
C124EKA
Q1504
A124EKA
Q1505
C124EKA
Q1516
A124EKA
Q1517
C124EKA
Q1506
C3928AR
Q1507
C144EE
Q1508
B1132Q
D1500
DAN222
D1501
1SS355
D1502
DAN222
D1503
1SS355
D1504
DAN222
IC1512
TC7W53U
Q1512
C144EE
CONTROL
IC1501
M62320FP
DAC
IC1502
M62393FP
BUFFER
IC1515
7WH126FU
EX-I/O
IC1509
M62320FP
Q1514
C144EE
Q1509
C144EE
TH1501
T1103J44-1
RESET
IC1511
BD4729G
D1505
1SS355
SW
IC1507
TC7W66U
INVERTER
Q1513
C144EE
LEVEL CONV
IC1504
TCVT244AFT
BUFFER
IC1508
TC7W34U
INVERTER
Q1515
C144EE
LEVEL CONV
IC1506
LVX125FT
3.3V REG
IC1514
PQ1R33
AND
IC1505
TC7W08U
Q1510
C3928AR
P1501
N0064CE
+3.3V(D)
BU+5V
+5V(D)
J
I
H
G
F
E
D
C
B
A
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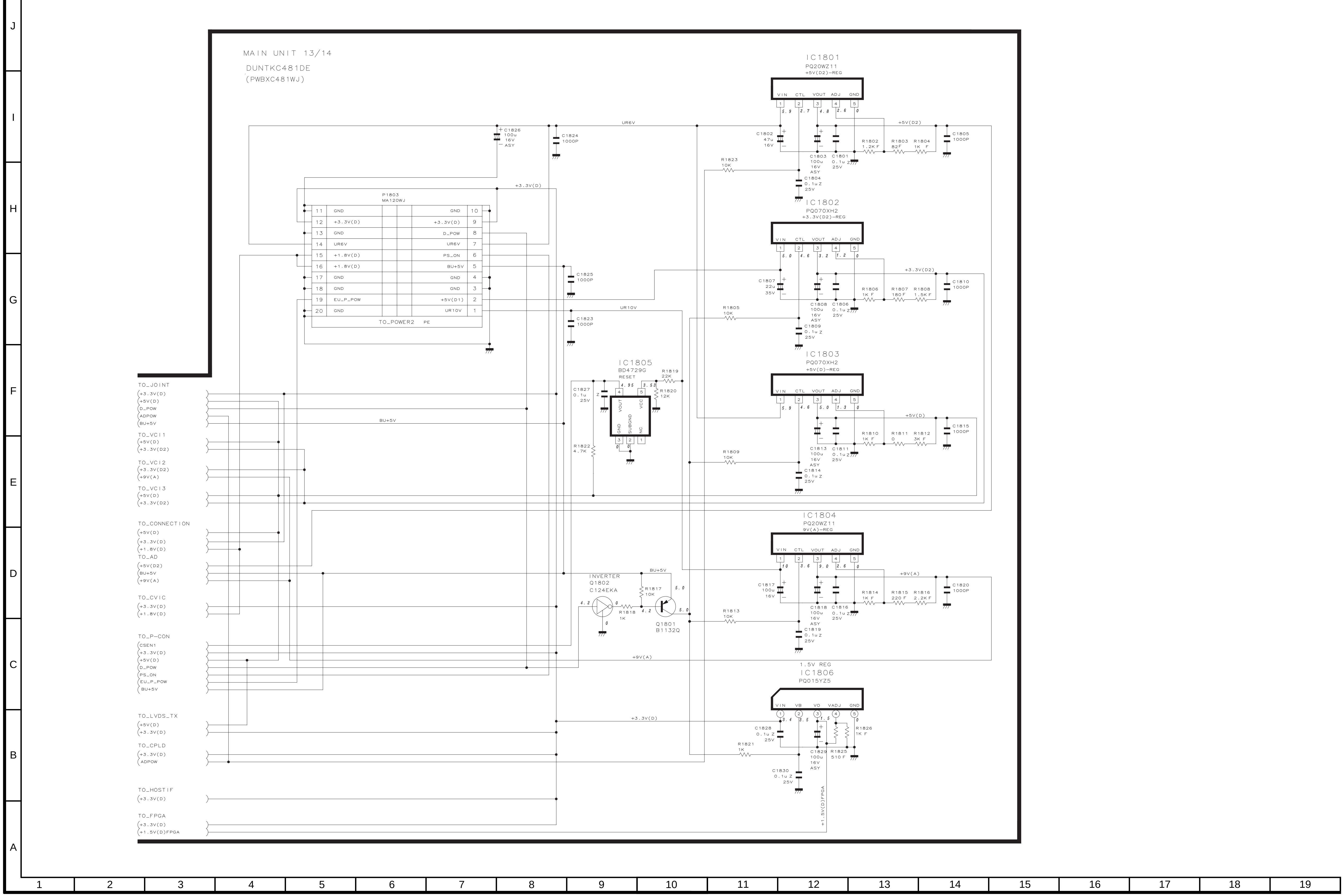
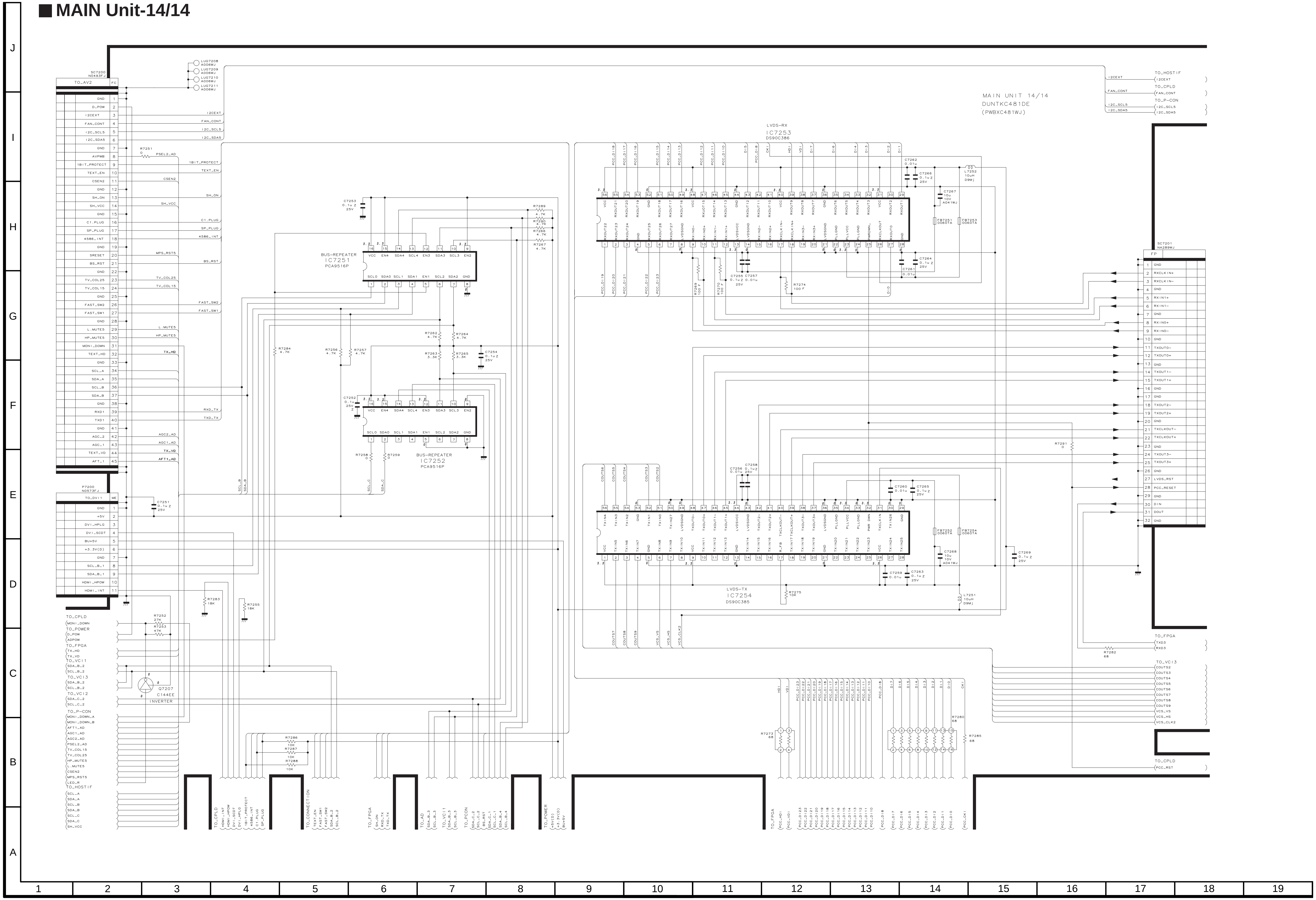
■ MAIN Unit-13/14


MAIN UNIT 13/14
DUNTKC481DE
(PWBXC481WJ)
IC1801
PQ20WZ11
+5V(D2)-REG
VIN CTL VOUT ADJ GND
5.9 2.7 4.8 2.6 0
C1802 47u 16V
C1803 100u 16V ASY
C1801 0.1u Z 25V
C1804 0.1u Z 25V
R1823 10K
R1802 1.2K F
R1803 82F
R1804 1K F
C1805 1000P
+5V(D2)
UR6V
C1826 100u 16V ASY
C1824 1000P
+3.3V(D)
P1803
MA120WJ
11 GND GND 10
12 +3.3V(D) +3.3V(D) 9
13 GND D_POW 8
14 UR6V UR6V 7
15 +1.8V(D) PS_ON 6
16 +1.8V(D) BU+5V 5
17 GND GND 4
18 GND GND 3
19 EU_P_POW +5V(D1) 2
20 GND UR10V 1
TO_POWER2 PE
C1825 1000P
C1823 1000P
UR10V
IC1802
PQ070XH2
+3.3V(D2)-REG
5.0 4.6 3.2 1.2 0
C1807 22u 35V
C1808 100u 16V ASY
C1806 0.1u Z 25V
C1809 0.1u Z 25V
R1805 10K
R1806 1K F
R1807 180F
R1808 1.5K F
C1810 1000P
+3.3V(D2)
IC1803
PQ070XH2
+5V(D)-REG
5.9 4.6 5.0 1.3 0
C1813 100u 16V ASY
C1811 0.1u Z 25V
C1814 0.1u Z 25V
R1809 10K
R1810 1K F
R1811 0
R1812 3K F
C1815 1000P
+5V(D)
IC1805
BD4729G
RESET
4.95 3.53
R1819 22K
R1820 12K
C1827 0.1u 25V
VOUT VCC GND SUBGND NC
R1822 4.7K
BU+5V
TO_JOINT
(+3.3V(D)
(+5V(D)
(D_POW
(ADPOW
(BU+5V
TO_VCI1
(+5V(D)
(+3.3V(D2)
TO_VCI2
(+3.3V(D2)
(+9V(A)
TO_VCI3
(+5V(D)
(+3.3V(D2)
TO_CONNECTION
(+5V(D)
(+3.3V(D)
(+1.8V(D)
TO_AD
(+5V(D2)
(BU+5V
(+9V(A)
TO_CVIC
(+3.3V(D)
(+1.8V(D)
TO_P-CON
(CSEN1
(+3.3V(D)
(+5V(D)
(D_POW
(PS_ON
(EU_P_POW
(BU+5V
TO_LVDS_TX
(+5V(D)
(+3.3V(D)
TO_CPLD
(+3.3V(D)
(ADPOW
TO_HOSTIF
(+3.3V(D)
TO_FPGA
(+3.3V(D)
(+1.5V(D)FPGA
IC1804
PQ20WZ11
9V(A)-REG
10 3.6 9.0 2.6 0
C1817 100u 16V
C1818 100u 16V ASY
C1816 0.1u Z 25V
C1819 0.1u Z 25V
R1813 10K
R1814 1K F
R1815 220 F
R1816 2.2K F
C1820 1000P
+9V(A)
INVERTER
Q1802
C124EKA
R1817 10K
R1818 1K
Q1801
B1132Q
4.2 0 4.2 5.0 5.0
+9V(A)
1.5V REG
IC1806
PQ015YZ5
VIN VB VO VADJ GND
3.4 3.5 1.5 0
C1828 0.1u Z 25V
C1829 100u 16V ASY
R1825 510 F
R1826 1K F
R1821 1K
C1830 0.1u Z 25V
+1.5V(D)FPGA
+3.3V(D)
J I H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

■ MAIN Unit-14/14


MAIN UNIT 14/14
DUNTKC481DE
(PWBXC481WJ)
SC7200 N0493FJ
TO_AV2
P7200 N0573FJ
TO_DVI1
SC7201 NA289WJ
FP
LVDS-RX
IC7253
DS90C386
LVDS-TX
IC7254
DS90C385
BUS-REPEATER
IC7251
PCA9516P
BUS-REPEATER
IC7252
PCA9516P
Q7207
C144EE
INVERTER
TO_HOSTIF
TO_CPLD
TO_P-CON
TO_FPGA
TO_VC13
TO_POWER
TO_AD
TO_VC11
TO_PCON
TO_CONNECTION
TO_VC12
TO_VC13
J
I
H
G
F
E
D
C
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A
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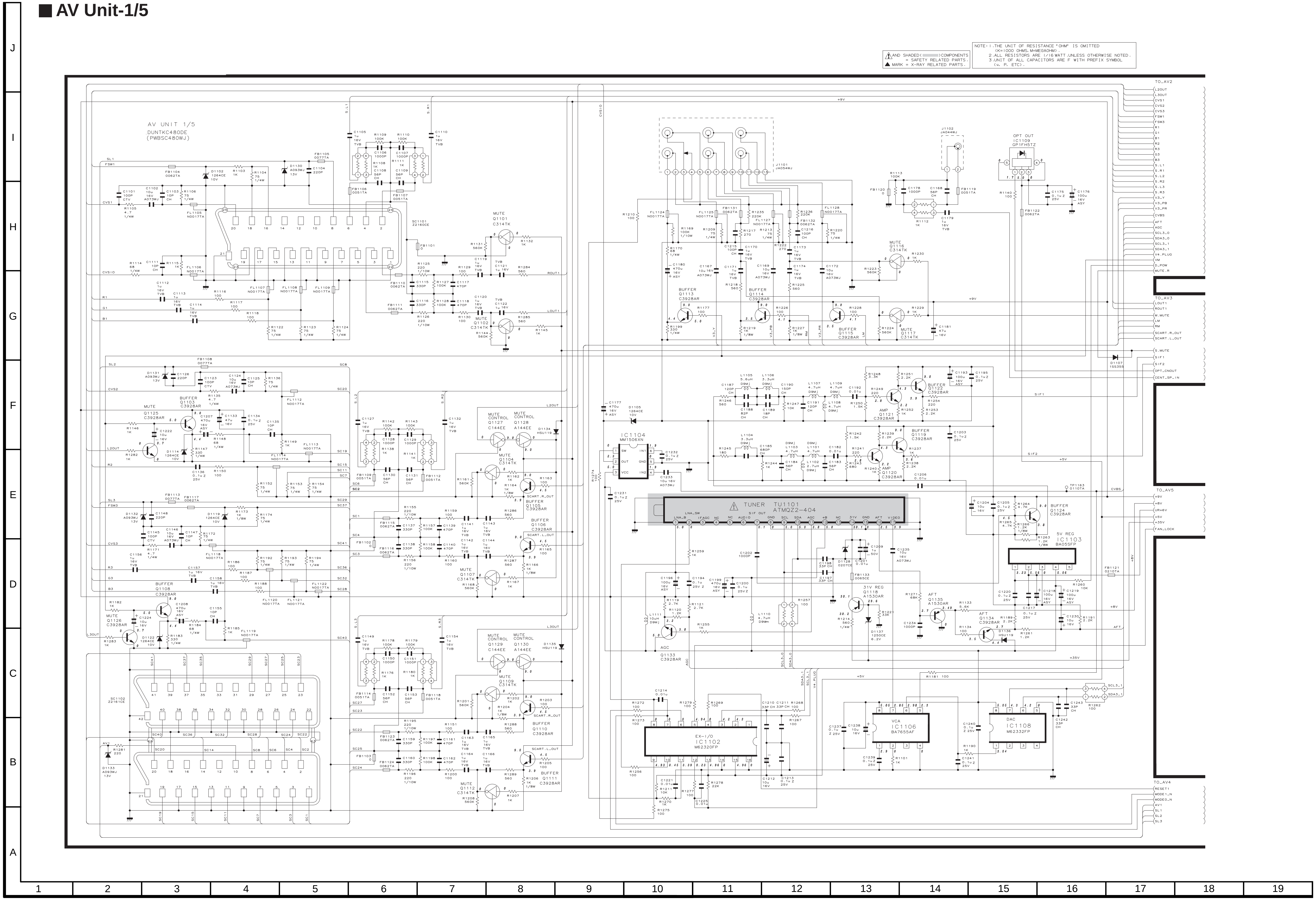
■ AV Unit-1/5

⚠ AND SHADED (▨) COMPONENTS = SAFETY RELATED PARTS.
▲ MARK = X-RAY RELATED PARTS.

NOTE: 1. THE UNIT OF RESISTANCE "OHM" IS OMITTED (K=1000 OHMS, M=MEGAOHM).
2. ALL RESISTORS ARE 1/16 WATT. UNLESS OTHERWISE NOTED.
3. UNIT OF ALL CAPACITORS ARE F WITH PREFIX SYMBOL (u, P, ETC).


AV UNIT 1/5
DUNTKC480DE
(PWBSC480WJ)
J
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F
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C
B
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1
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3
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7
8
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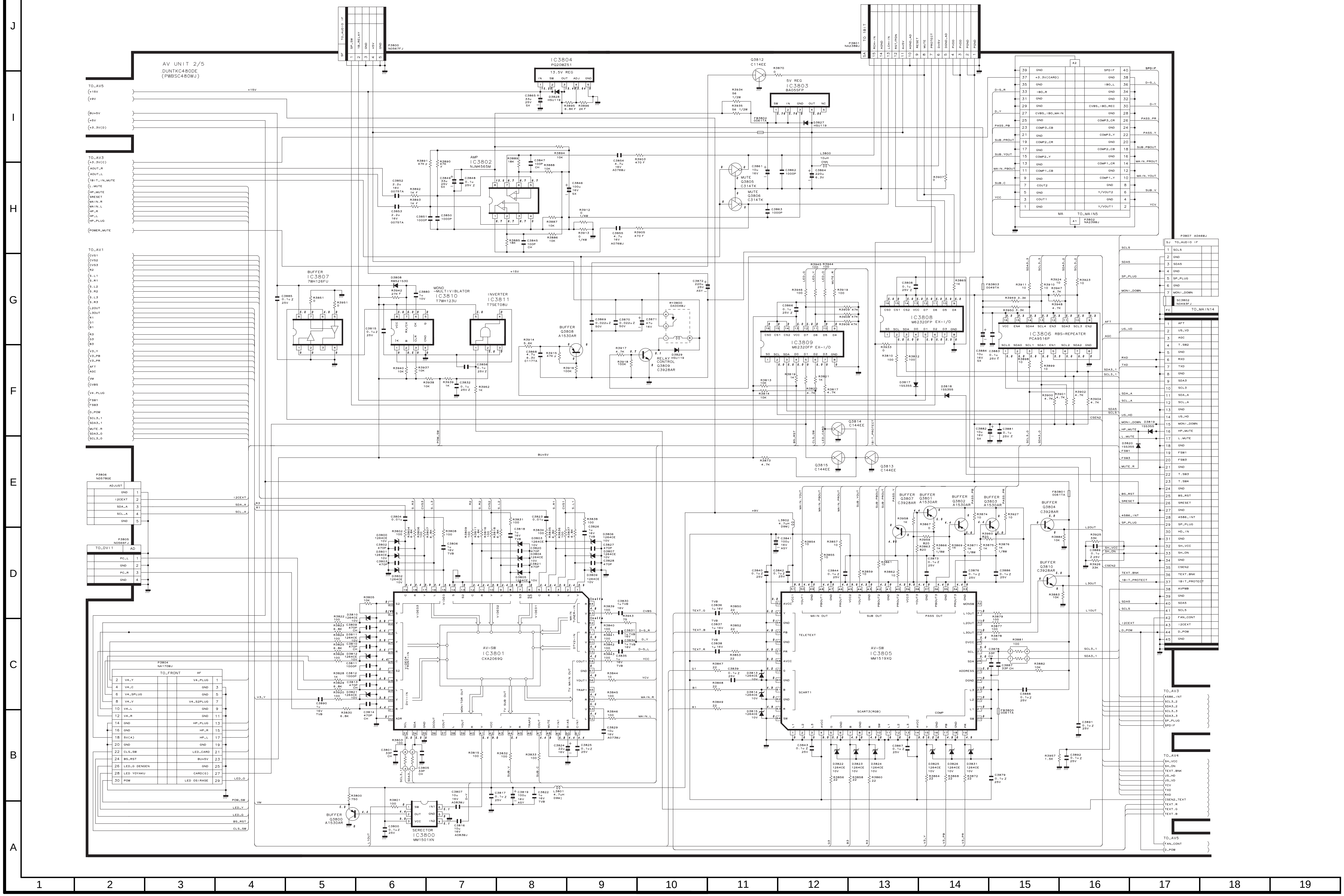
SC1101
Z2160CE
SC1102
Z2161CE
MUTE Q1101 C314TK
MUTE Q1102 C314TK
BUFFER Q1103 C3928AR
MUTE Q1125 C3928AR
BUFFER Q1108 C3928AR
MUTE Q1126 C3928AR
MUTE CONTROL Q1127 C144EE
MUTE CONTROL Q1128 A144EE
MUTE Q1104 C314TK
BUFFER Q1105 C3928AR
BUFFER Q1106 C3928AR
MUTE Q1107 C314TK
MUTE CONTROL Q1129 C144EE
MUTE CONTROL Q1130 A144EE
MUTE Q1109 C314TK
BUFFER Q1110 C3928AR
BUFFER Q1111 C3928AR
MUTE Q1112 C314TK
J1101 JA054WJ
J1102 JA044WJ
OPT OUT IC1109 GP1FH5TZ
BUFFER Q1113 C3928AR
BUFFER Q1114 C3928AR
BUFFER Q1115 C3928AR
MUTE Q1116 C314TK
MUTE Q1117 C314TK
IC1104 MM1506XN
TUNER TU1101 ATMQZ2-404
BUFFER Q1122 C3928AR
AMP Q1121 C3928AR
BUFFER Q1119 C3928AR
AMP Q1120 C3928AR
BUFFER Q1124 C3928AR
5V REG IC1103 BA05SFP
31V REG Q1118 A1530AR
AGC Q1133 C3928AR
AFT Q1135 A1530AR
AFT Q1134 C3928AR
EX-I/O IC1102 M62320FP
VCA IC1106 BA7655AF
DAC IC1108 M62332FP
TO_AV2
L2OUT
L3OUT
CVS1
CVS2
CVS3
FSW1
FSW3
R1
G1
B1
R2
R3
G3
B3
S_L1
S_R1
S_L2
S_R2
S_L3
S_R3
V3_Y
V3_PB
V3_PR
CVBS
AFT
AGC
SCL3_0
SDA3_0
SCL3_1
SDA3_1
V4_PLUG
VM
D_POW
MUTE_R
TO_AV3
LOUT1
ROUT1
M_MUTE
LM
RM
SCART_R_OUT
SCART_L_OUT
S_MUTE
SIF1
SIF2
OPT_CNOUT
CENT_SP_IN
TO_AV5
+9V
+8V
UR+6V
+5V
+35V
FAN_LOCK
TO_AV4
RESET1
MODE1_N
MODE0_N
AV1
SL1
SL2
SL3
+9V
+5V
+8V
+35V
ROUT1
LOUT1
L2OUT
L3OUT
SIF1
SIF2
SCART_R_OUT
SCART_L_OUT
LNA_SW
SIF OUT
LNA_B
IFAGC
NC
AUDIO
GND
SCL
SDA
AGC
+B
31V
AFT
VIDEO

■ AV Unit-2/5


J
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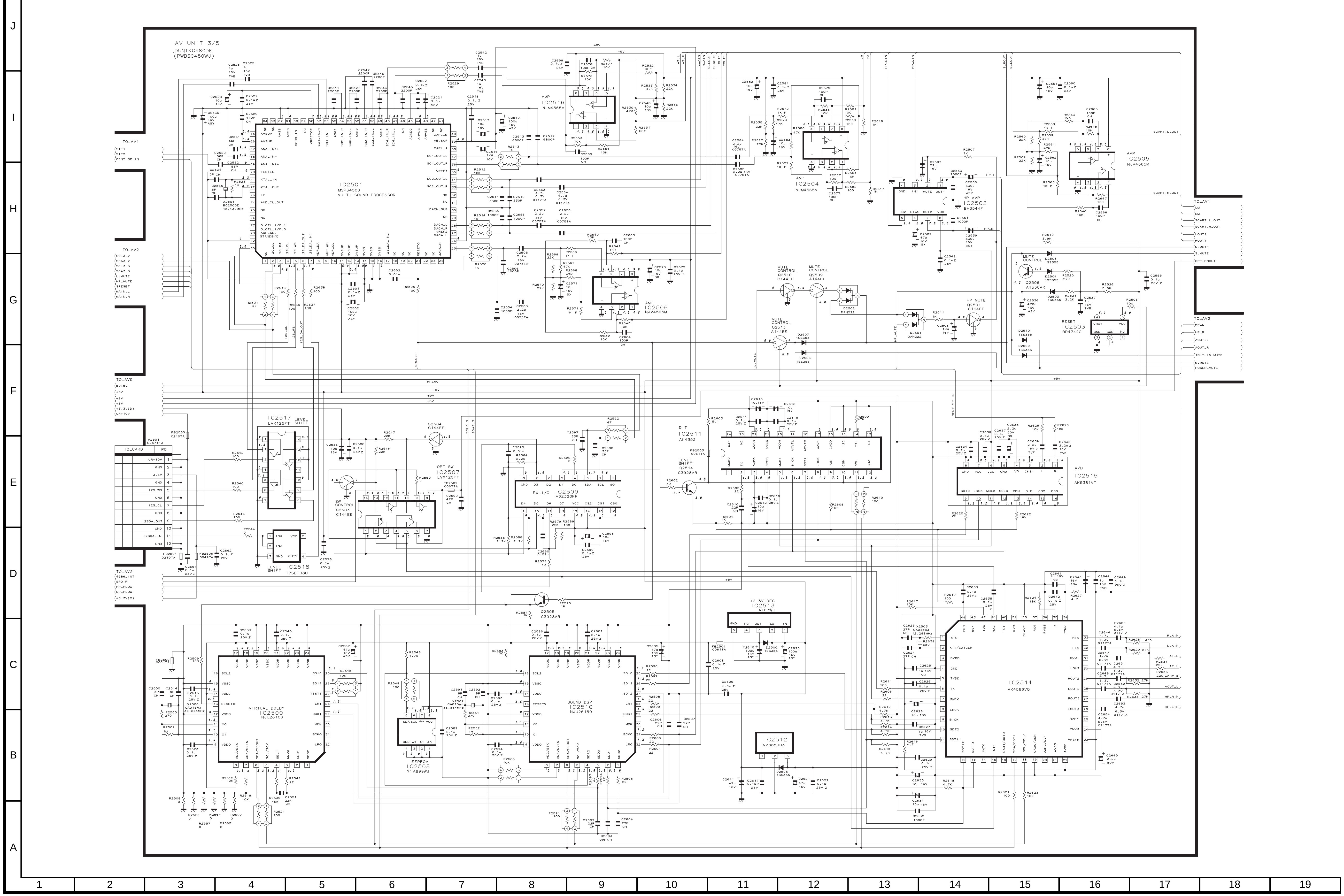
AV UNIT 2/5
DUNTKC480DE
(PWBSC480WJ)
TO_AUDIO IF
P3800 N0567FJ
TO_1BIT
P3801 NA2398WJ
IC3804 PQ20WZ51
13.5V REG
Q3812 C114EE
5V REG IC3803 BA05SFP
AMP IC3802 NJM4565M
MUTE Q3805 C3147K
MUTE Q3806 C3147K
TO_AV5
TO_AV3
TO_AV1
TO_MAIN5
P3802 NA2398WJ
P3807 A046WJ
TO_AUDIO IF
BUFFER IC3807 7WH126FU
MONO-MULTIVIBLATOR IC3810 T7WH123U
INVERTER IC3811 TC7SET08U
BUFFER Q3808 A1530AR
RELAY CONTROL Q3809 C3928AR
RY3800 DA004WJ
IC3809 M62320FP EX-I/O
IC3808 M62320FP EX-I/O
IC3806 PCA9516P RBS-REPEATER
P3802 N0495FJ
TO_MAIN14
Q3814 C144EE
Q3815 C144EE
Q3813 C144EE
P3806 N0578GE
ADJUST
P3805 N0566FJ
TO_DVI1
AV-SW IC3801 CXA2069Q
P3804 NA170WJ
TO_FRONT
BUFFER Q3800 A1530AR
SERECTOR IC3800 MM1501XN
BUFFER Q3807 C3928AR
BUFFER Q3801 A1530AR
BUFFER Q3802 A1530AR
BUFFER Q3803 A1530AR
BUFFER Q3804 C3928AR
BUFFER Q3810 C3928AR
AV-SW IC3805 MM1519XQ
MAIN OUT
SUB OUT
PASS OUT
TELETEXT
SCART1
SCART3(RGB)
COMP
TO_AV3
TO_AV4
TO_AV5

■ AV Unit-3/5


AV UNIT 3/5
DUNTKC480DE
(PWBSC480WJ)
IC2501
MSP3450G
MULTI-SOUND-PROCESSOR
AMP IC2516 NJM4565M
AMP IC2504 NJM4565M
AMP IC2505 NJM4565M
AMP IC2506 NJM4565M
HP AMP IC2502 BH3544F
RESET IC2503 BD4742G
MUTE CONTROL Q2506 A1530AR
MUTE CONTROL Q2510 C144EE
MUTE CONTROL Q2509 A144EE
MUTE CONTROL Q2513 A144EE
HP MUTE Q2501 C114EE
IC2517 LVX125FT LEVEL SHIFT
Q2504 C144EE
OPT SW IC2507 LVX125FT
SW CONTROL Q2503 C144EE
EX_I/O IC2509 M62320FP
DIT IC2511 AK4353
LEVEL SHIFT Q2514 C3928AR
A/D IC2515 AK5381VT
LEVEL SHIFT IC2518 T7SET08U
+2.5V REG IC2513 A167WJ
VIRTUAL DOLBY IC2500 NJU26106
EEPROM IC2508 NTA899WJ
SOUND DSP IC2510 NJU26150
Q2505 C3928AR
IC2512 N2885003
IC2514 AK4586VQ
TO_AV1
TO_AV2
TO_AV5
TO_CARD
P2501 N057AFJ
TO_AV2
TO_AV1
TO_AV2
J
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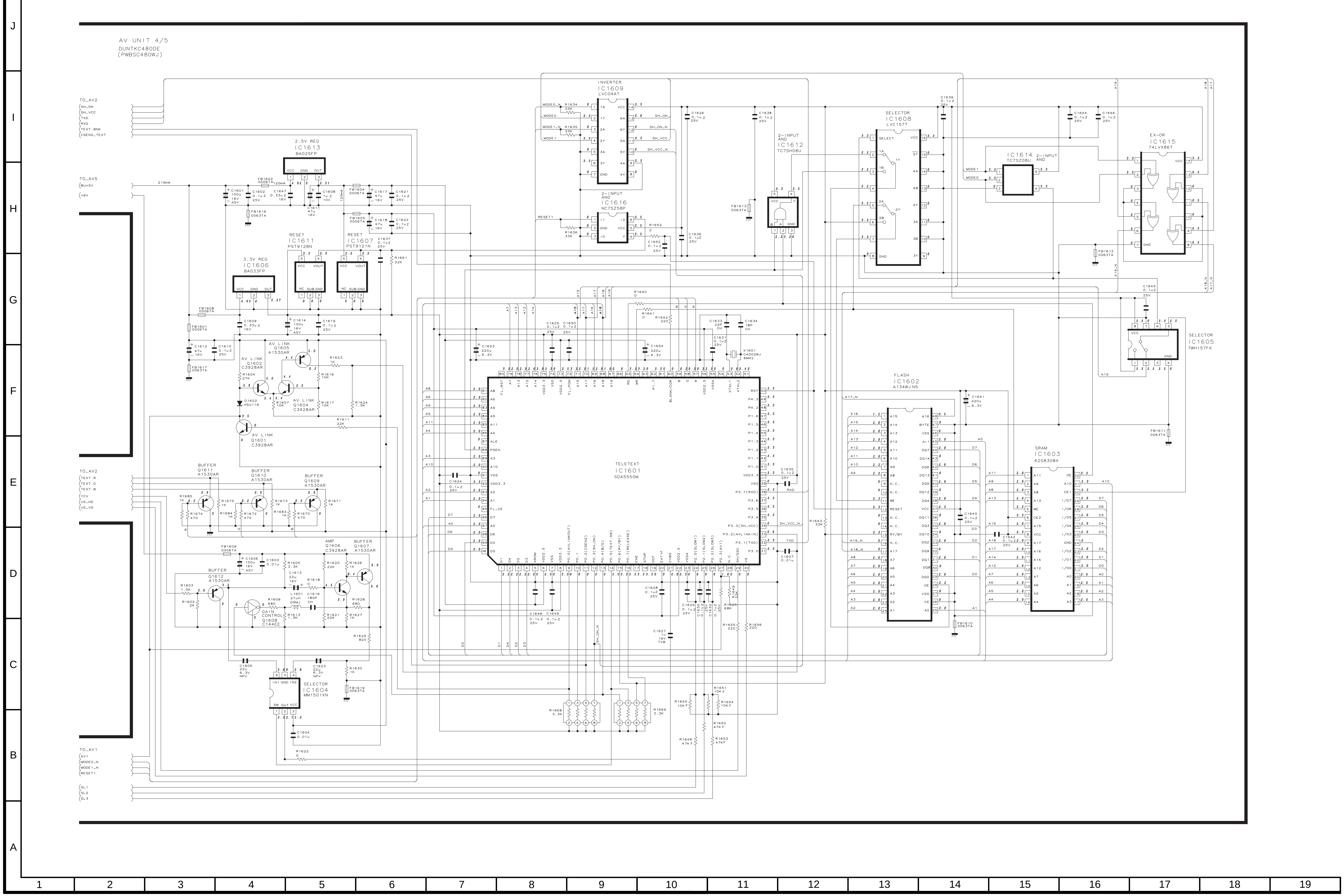
■ AV Unit-4/5


AV UNIT 4/5
DUNTKC480DE
(PWBSC480WJ)
TO_AV2
SH_ON
SH_VCC
TXD
RXD
TEXT_BNK
CSEN2_TEXT
TO_AV5
BU+5V
+9V
TO_AV2
TEXT_R
TEXT_G
TEXT_B
YCV
US_HD
US_VD
TO_AV1
AV1
MODE0_N
MODE1_N
RESET1
SL1
SL2
SL3
2.5V REG
IC1613
BA025FP
3.3V REG
IC1606
BA033FP
RESET
IC1611
PST9128N
RESET
IC1607
PST9121N
INVERTER
IC1609
LVC04AT
2-INPUT AND
IC1616
NC7SZ58P
2-INPUT AND
IC1612
TC7SH08U
SELECTOR
IC1608
LVC157T
IC1614
TC7SZ08U
2-INPUT AND
EX-OR
IC1615
74LVX86T
SELECTOR
IC1605
7WH157FK
TELETEXT
IC1601
SDA5550M
FLASH
IC1602
A134WJ N5
SRAM
IC1603
62S8308X
AV LINK
Q1602
C3928AR
AV LINK
Q1605
A1530AR
AV LINK
Q1604
C3928AR
AV LINK
Q1601
C3928AR
BUFFER
Q1611
A1530AR
BUFFER
Q1610
A1530AR
BUFFER
Q1609
A1530AR
BUFFER
Q1612
A1530AR
AMP
Q1606
C3928AR
BUFFER
Q1607
A1530AR
GAIN CONTROL
Q1608
C144EE
SELECTOR
IC1604
MM1501XN
X1601
CA002WJ
6MHz
J
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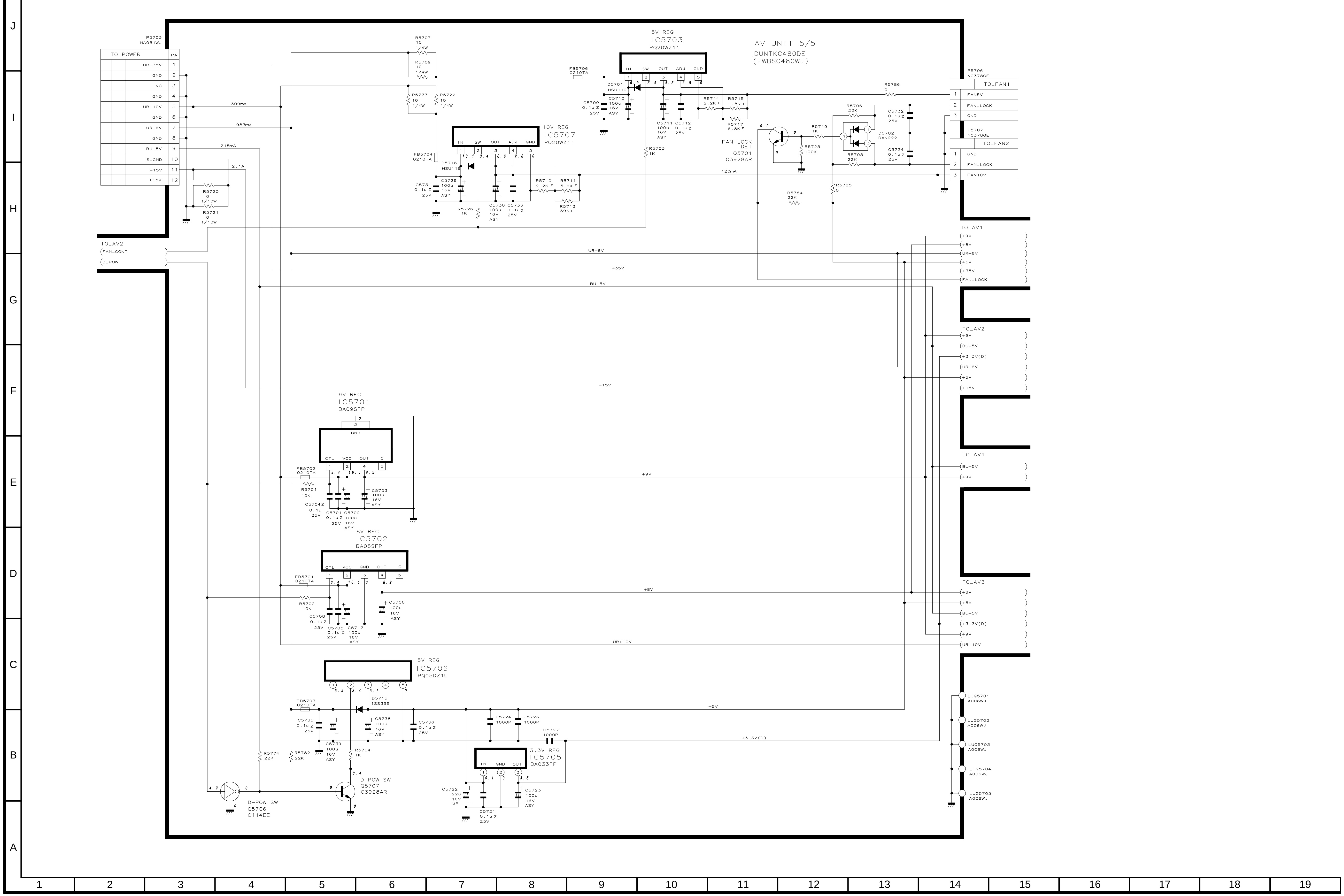
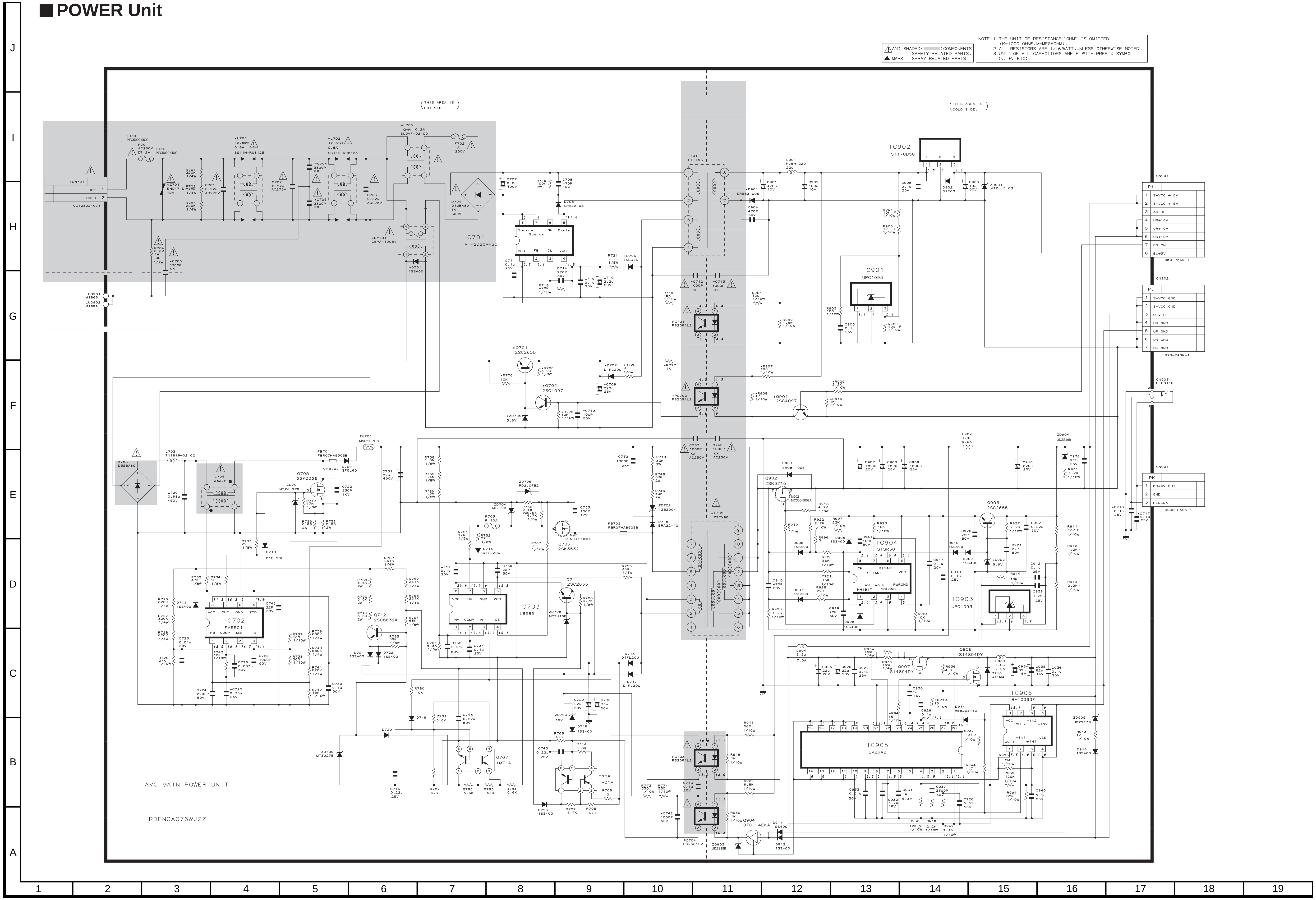
■ AV Unit-5/5


AV UNIT 5/5
DUNTKC480DE
(PWBSC480WJ)
P5703
NA051WJ
TO_POWER
PA
UR+35V 1
GND 2
NC 3
GND 4
UR+10V 5
GND 6
UR+6V 7
GND 8
BU+5V 9
S_GND 10
+15V 11
+15V 12
309mA
983mA
215mA
2.1A
120mA
R5720 0 1/10W
R5721 0 1/10W
R5707 10 1/4W
R5709 10 1/4W
R5777 10 1/4W
R5722 10 1/4W
FB5704 0210TA
FB5706 0210TA
5V REG
IC5703
PQ20WZ11
IN SW OUT ADJ GND
10V REG
IC5707
PQ20WZ11
D5701 HSU119
D5716 HSU119
C5709 0.1u Z 25V
C5710 100u 16V ASY
C5711 100u 16V ASY
C5712 0.1u Z 25V
C5729 100u 16V ASY
C5731 0.1u Z 25V
C5730 100u 16V ASY
C5733 0.1u Z 25V
R5703 1K
R5726 1K
R5710 2.2K F
R5711 5.6K F
R5713 39K F
R5714 2.2K F
R5715 1.8K F
R5717 6.8K F
FAN-LOCK DET
Q5701
C3928AR
R5719 1K
R5725 100K
R5786 0
R5706 22K
R5705 22K
D5702 DAN222
C5732 0.1u Z 25V
C5734 0.1u Z 25V
R5784 22K
R5785 0
P5706 N0378GE
TO_FAN1
1 FAN5V
2 FAN_LOCK
3 GND
P5707 N0378GE
TO_FAN2
1 GND
2 FAN_LOCK
3 FAN10V
TO_AV2
FAN_CONT
D_POW
UR+6V
+35V
BU+5V
+15V
+9V
+8V
UR+10V
+5V
+3.3V(D)
TO_AV1
+9V
+8V
UR+6V
+5V
+35V
FAN_LOCK
TO_AV2
+9V
BU+5V
+3.3V(D)
UR+6V
+5V
+15V
TO_AV4
BU+5V
+9V
TO_AV3
+8V
+5V
BU+5V
+3.3V(D)
+9V
UR+10V
9V REG
IC5701
BA09SFP
GND
CTL VCC OUT C
FB5702 0210TA
R5701 10K
C5704Z 0.1u 25V
C5701 0.1u Z 25V
C5702 100u 16V ASY
C5703 100u 16V ASY
8V REG
IC5702
BA08SFP
CTL VCC GND OUT C
FB5701 0210TA
R5702 10K
C5708 0.1u Z 25V
C5705 0.1u Z 25V
C5717 100u 16V ASY
C5706 100u 16V ASY
5V REG
IC5706
PQ05DZ1U
FB5703 0210TA
D5715 1SS355
C5735 0.1u Z 25V
C5738 100u 16V ASY
C5736 0.1u Z 25V
C5739 100u 16V ASY
C5724 1000P
C5726 1000P
C5727 1000P
R5774 22K
R5782 22K
R5704 1K
3.3V REG
IC5705
BA033FP
IN GND OUT
C5722 22u 16V SX
C5721 0.1u Z 25V
C5723 100u 16V ASY
D-POW SW
Q5707
C3928AR
D-POW SW
Q5706
C114EE
LUG5701 A006WJ
LUG5702 A006WJ
LUG5703 A006WJ
LUG5704 A006WJ
LUG5705 A006WJ
J I H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

■ POWER Unit

⚠ AND SHADED (▨) COMPONENTS
= SAFETY RELATED PARTS.
▲ MARK = X-RAY RELATED PARTS.

NOTE: 1.THE UNIT OF RESISTANCE "OHM" IS OMITTED
(K=1000 OHMS, M=MEGAOHM).
2.ALL RESISTORS ARE 1/16 WATT. UNLESS OTHERWISE NOTED.
3.UNIT OF ALL CAPACITORS ARE F WITH PREFIX SYMBOL
(u, P, ETC).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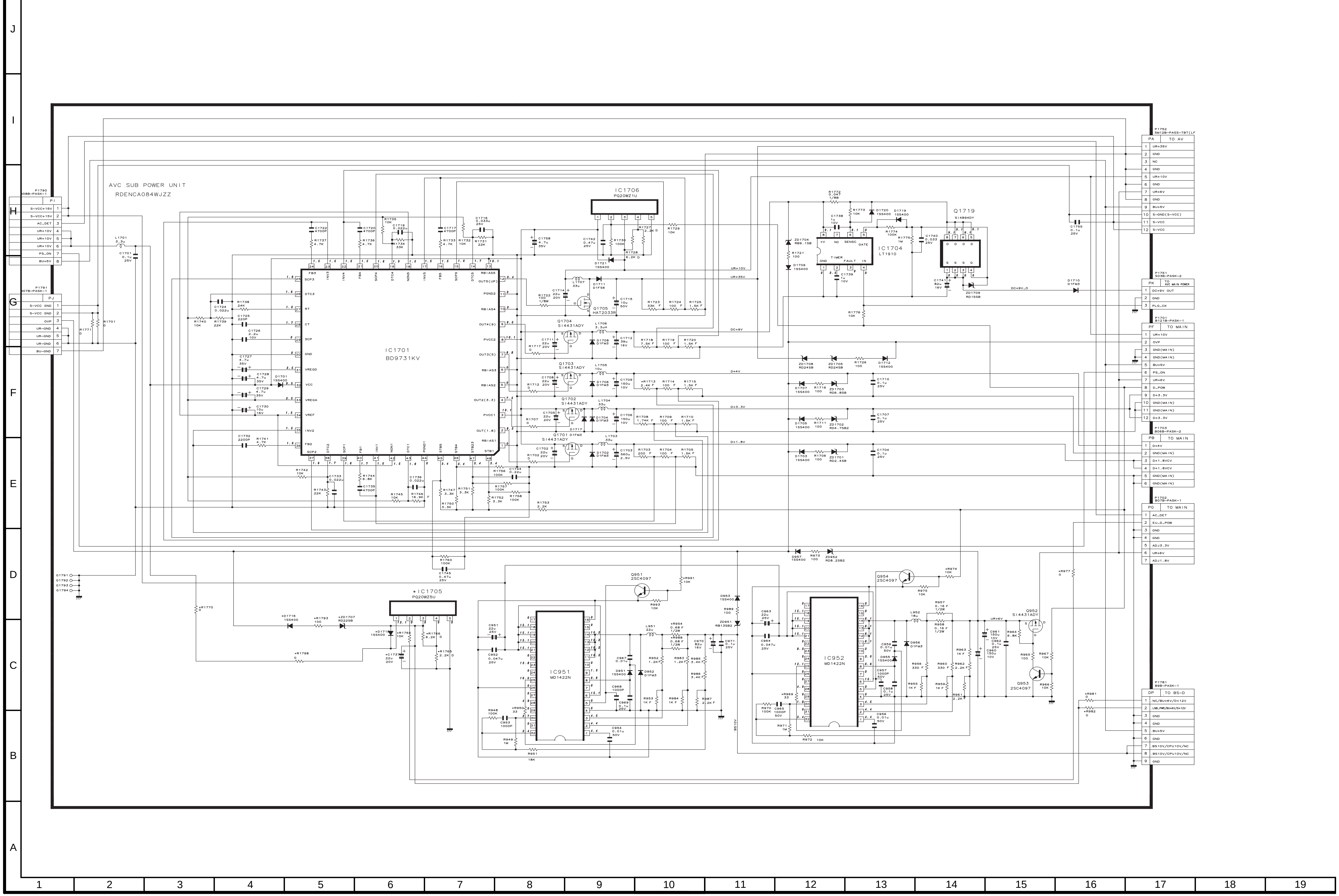
(THIS AREA IS HOT SIDE.)
(THIS AREA IS COLD SIDE.)
CN701
HOT
COLD
CCT2302-0711
FH701 PFC5000-0502
F701 AC250V ET 2A
FH702 PFC5000-0502
VZ701 ENC471D-10A
L701 12.5mH 0.8A SS11H-R08125
L702 12.5mH 0.8A SS11H-R08125
L705 10mH 0.2A SU9VF-02100
F702 1A 250V
C704 3300P KX
C705 3300P KX
C706 3300P KX
RY701 G5PA-1DC5V
D701 1SS400
D704 D1UBA80 1A 800V
IC701 MIP2D20MPSCF
T701 PTTX93
LUG901 M1866
LUG902 M1866
PC701 PS2561L2
PC702 PS2561L2
PC703 PS2561L2
PC704 PS2561L2
Q701 2SC2655
Q702 2SC4097
ZD705 5.6V
L901 PJ5H-220 22u
D901 ERB83-006
IC902 S1170B50
D902 D1F60
ZD901 MTZJ 5.6B
IC901 UPC1093
Q901 2SC4097
CN901
P1
S-VCC +15V
S-VCC +15V
AC_DET
UR+10V
UR+10V
UR+10V
PS_ON
BU+5V
B8B-PASK-1
CN902
PJ
S-VCC GND
S-VCC GND
O.V.P
UR GND
UR GND
UR GND
BU GND
B7B-PASK-1
CN903 HEC8110
CN904
PK
DC+9V OUT
GND
PLD_CK
B03B-PASK-1
D708 D3SBA60
L703 TN1819-02102
L704 282uH
TH701 M5R107CS
FB701 FBR07HA850SB
FB702
D709 SF5L60
Q705 2SK3326
ZD701 MTZJ 27B
IC702 FA5501
Q712 2SC8632K
IC703 L6565
ZD706 RD2.0FB2
ZD704 MTZJ27B
F703 P110A
Q706 2SK3532
FB703 FBR07HA850SB
Q711 2SC2655
ZD708 MTZJ16B
ZD702 1Z8200Y
D715 ERA22-10
T702 PTTX98
D903 ERC81-006
Q902 2SK3715
IC904 STR30
Q903 2SC2655
IC903 UPC1093
ZD902 5.6V
L902 3.9u 9.0A
ZD904 UDZS18B
Q907 SI4894DY
Q908 SI4894DY
L903 7.0u 7.0A
L904 3.3u 7.0A
D915 D1FM3
IC906 BA10393F
IC905 LM2642
ZD905 UDZS13B
D916 1SS400
Q707 IMZ1A
Q708 IMZ1A
ZD709 MTZJ27B
ZD703 16V
Q904 DTC114EKA
ZD903 UDZS18B
D911 1SS400
D912 1SS400
AVC MAIN POWER UNIT
RDENCA076WJZZ

■DC/DC CONVERTER Unit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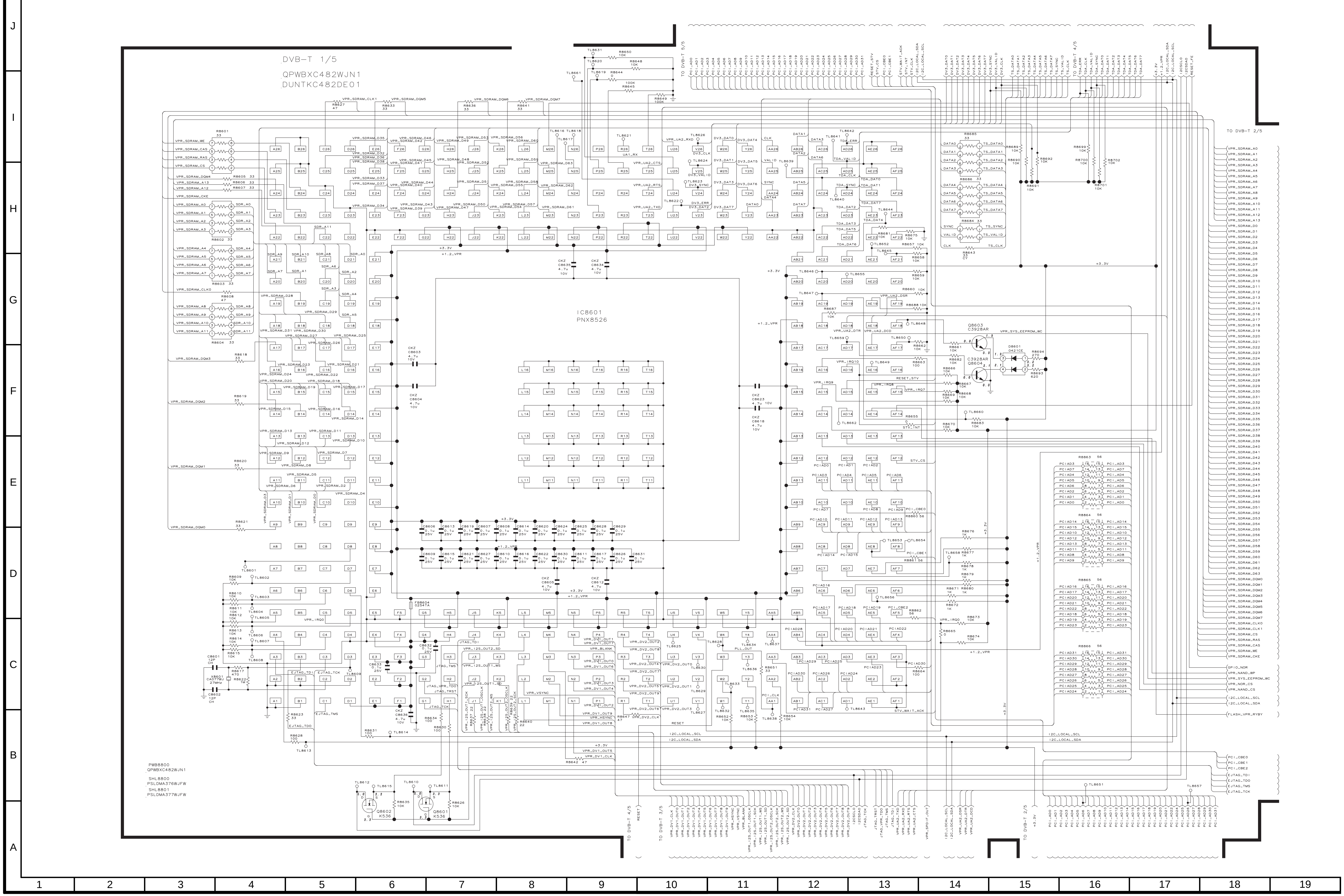
AVC SUB POWER UNIT
RDENCA084WJZZ
P1790
PI
S-VCC+15V
S-VCC+15V
AC_DET
UR+10V
UR+10V
UR+10V
PS_ON
BU+5V
P1791
PJ
S-VCC GND
S-VCC GND
OVP
UR-GND
UR-GND
UR-GND
BU-GND
IC1701
BD9731KV
IC1706
PQ020WZ1U
IC1704
LT1910
Q1719
SI4894DY
Q1705
HAT2033R
Q1704
SI4431ADY
Q1703
SI4431ADY
Q1702
SI4431ADY
Q1701
SI4431ADY
*IC1705
PQ20WZ5U
IC951
MD1422N
IC952
MD1422N
Q951
2SC4097
Q954
2SC4097
Q952
SI4431ADY
Q953
2SC4097
G1791
G1792
G1793
G1794
P1752
PA
TO AV
UR+35V
GND
NC
GND
UR+10V
GND
UR+6V
GND
BU+5V
S-GND(S-VCC)
S-VCC
S-VCC
P1751
PK
TO AVC MAIN POWER
DC+9V OUT
GND
PLO_CK
P1701
PF
TO MAIN
UR+10V
OVP
GND(MAIN)
GND(MAIN)
BU+5V
PS_ON
UR+6V
D_POW
D+3.3V
GND(MAIN)
GND(MAIN)
D+3.3V
P1703
PB
TO MAIN
D+4V
GND(MAIN)
D+1.8VCV
D+1.8VCV
GND(MAIN)
GND(MAIN)
P1702
PG
TO MAIN
AC_DET
EU_D_POW
GND
GND
ADJ3.3V
UR+6V
ADJ1.8V
P1781
DP
TO BS-D
NC/BU+6V/D+12V
LNB_PWR/BU+6V/D+12V
GND
GND
BU+5V
GND
BS10V/CPU10V/NC
BS10V/CPU10V/NC
GND
UR+10V
UR+35V
DC+9V
D+4V
D+3.3V
D+1.8V
DC+9V_O
UR+6V
BS10V

■ DVB-T Unit-1/5


DVB-T 1/5
QPWBXC482WJN1
DUNTKC482DE01
IC8601
PNX8526
Q8603
C3928AR
Q8604
C3928AR
D8601
DA21CE
Q8602
K536
Q8601
K536
X8601
CA0776J
27MHz
FB8604
0254TA
TO DVB-T 5/5
TO DVB-T 4/5
TO DVB-T 2/5
TO DVB-T 3/5
PWB8800
QPWBXC482WJN1
SHL8800
PSLDMA376WJFW
SHL8801
PSLDMA377WJFW
+3.3V
+1.2_VPR
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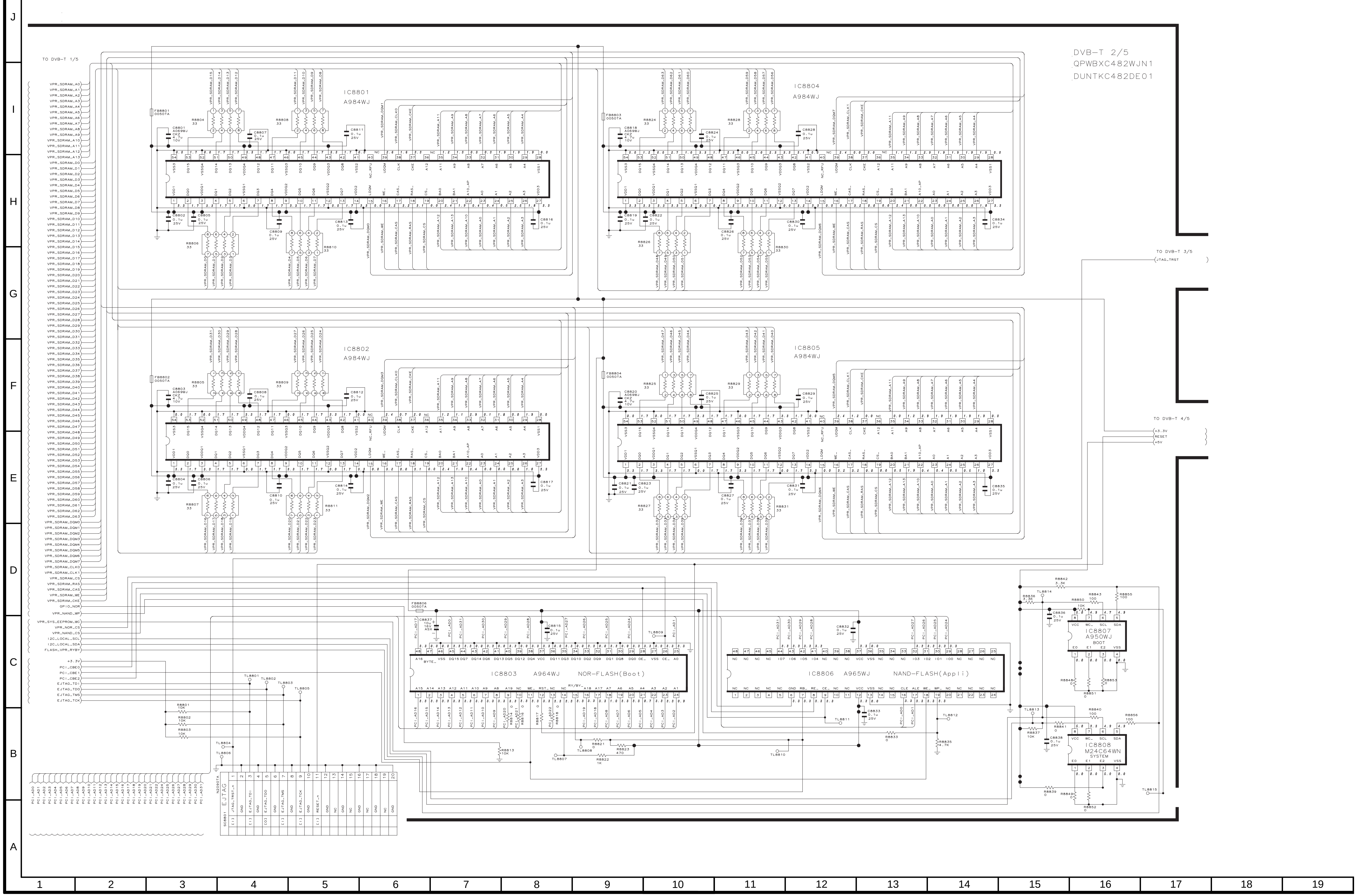
■ DVB-T Unit-2/5


DVB-T 2/5
QPWBXC482WJN1
DUNTKC482DE01
TO DVB-T 1/5
TO DVB-T 3/5
JTAG_TRST
TO DVB-T 4/5
+3.3V
RESET
+5V
IC8801
A984WJ
IC8802
A984WJ
IC8804
A984WJ
IC8805
A984WJ
IC8803 A964WJ NOR-FLASH(Boot)
IC8806 A965WJ NAND-FLASH(Appli)
IC8807
A950WJ
BOOT
IC8808
M24C64WN
SYSTEM
SC8801 EJTAG
FB8801
FB8802
FB8803
FB8804
FB8806
TL8801
TL8802
TL8803
TL8804
TL8805
TL8806
TL8807
TL8808
TL8809
TL8810
TL8811
TL8812
TL8813
TL8814
TL8815
VPR_SDRAM_CLK0
VPR_SDRAM_CLK1
VPR_SDRAM_CS
VPR_SDRAM_RAS
VPR_SDRAM_CAS
VPR_SDRAM_WE
VPR_SDRAM_CKE
GPIO_NOR
VPR_NAND_WP
VPR_SYS_EEPROM_WC
VPR_NOR_CS
VPR_NAND_CS
I2C_LOCAL_SCL
I2C_LOCAL_SDA
FLASH_VPR_RYBY
PCI_CBE0
PCI_CBE1
PCI_CBE2
EJTAG_TDI
EJTAG_TDO
EJTAG_TMS
EJTAG_TCK
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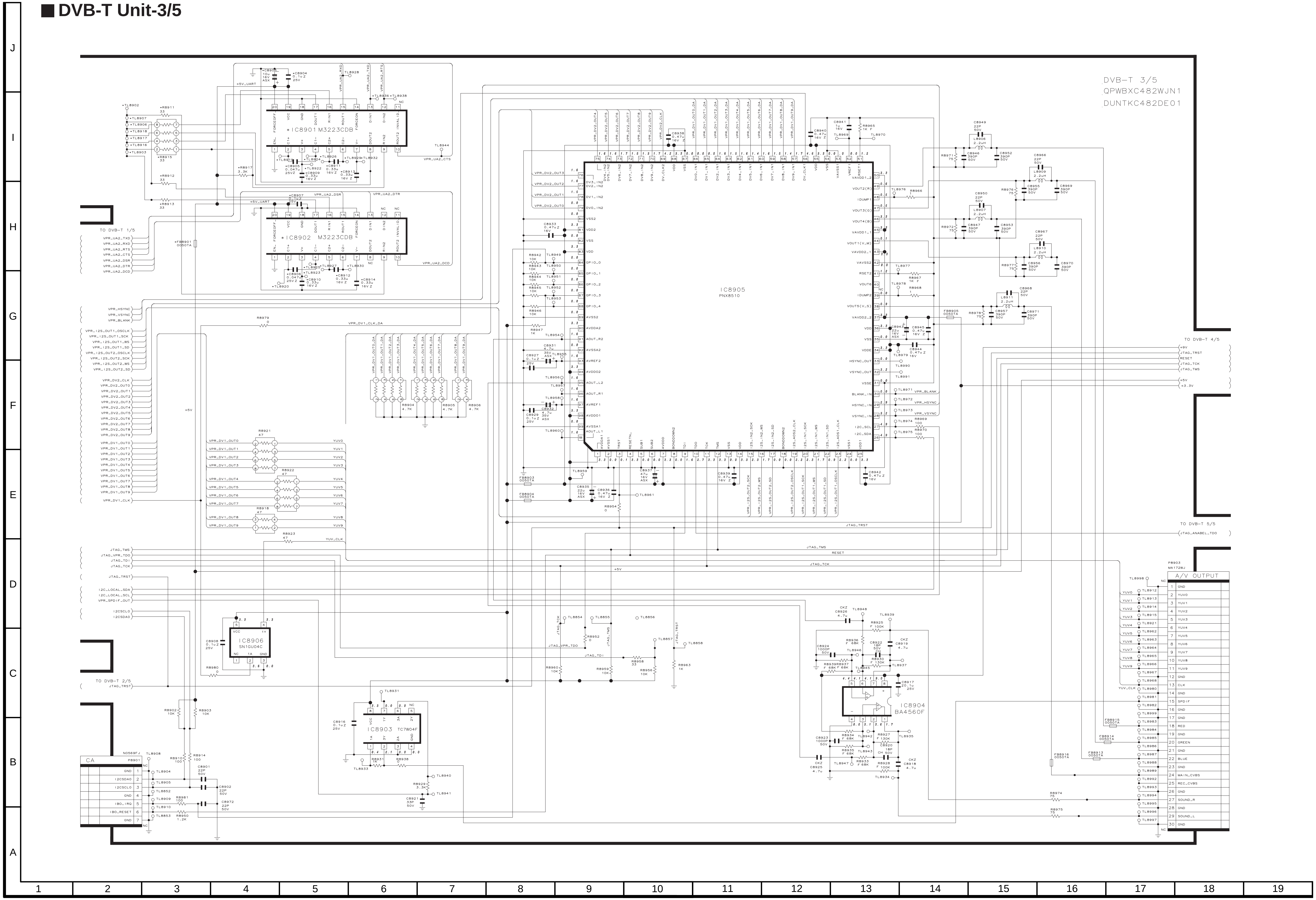
■ DVB-T Unit-3/5


DVB-T 3/5
QPWBXC482WJN1
DUNTKC482DE01
IC8901 M3223CDB
IC8902 M3223CDB
IC8905
PNX8510
IC8906
SN1GU04C
IC8903 TC7W04F
IC8904
BA4560F
TO DVB-T 1/5
TO DVB-T 2/5
TO DVB-T 4/5
TO DVB-T 5/5
A/V OUTPUT
P8903
MA172WJ
CA
P8901
N0569FJ
J
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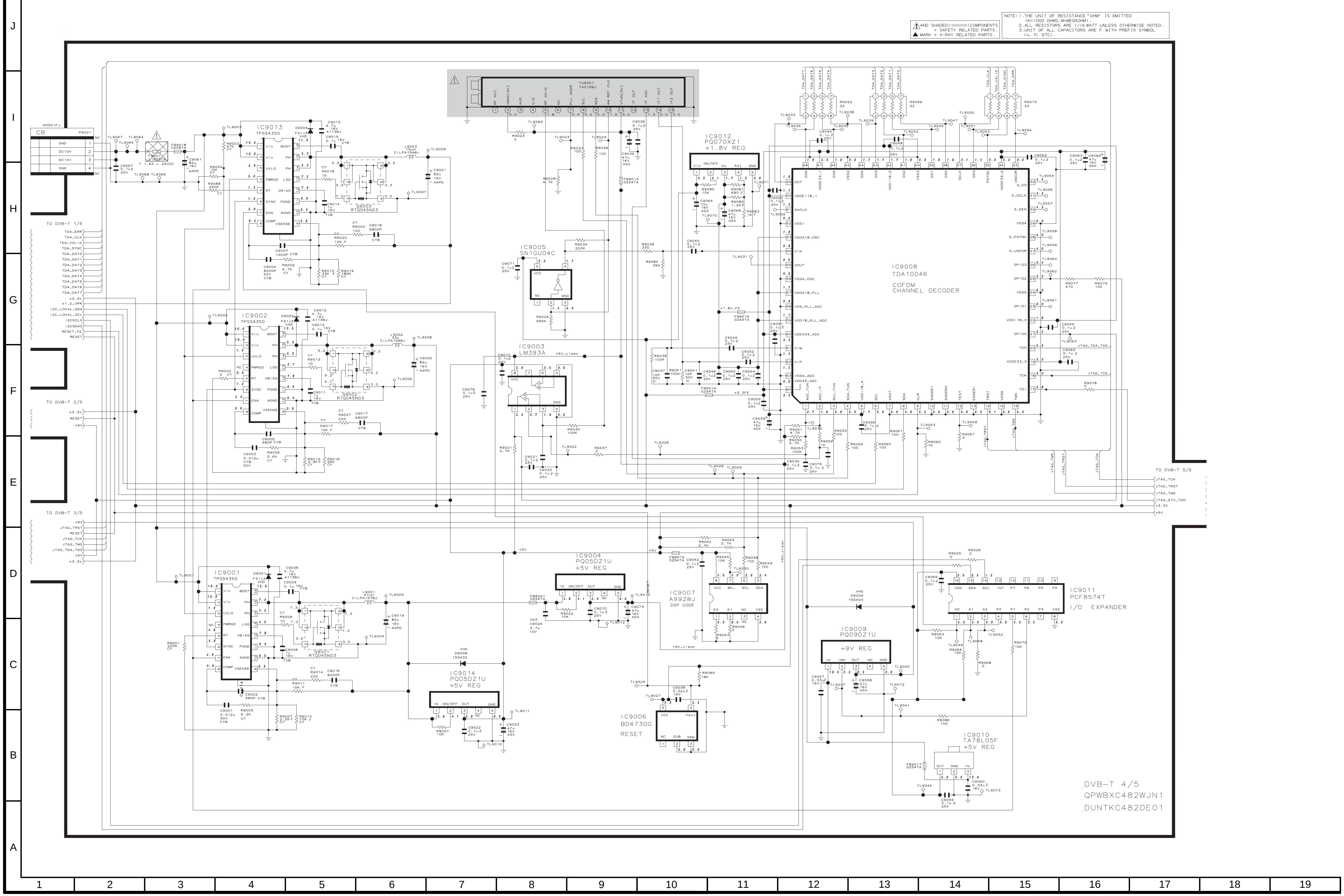
■ DVB-T Unit-4/5



⚠ AND SHADED ( ) COMPONENTS = SAFETY RELATED PARTS.
▲ MARK = X-RAY RELATED PARTS.

NOTE: 1.THE UNIT OF RESISTANCE "OHM" IS OMITTED (K=1000 OHMS, M=MEGAOHM).
2.ALL RESISTORS ARE 1/16 WATT, UNLESS OTHERWISE NOTED.
3.UNIT OF ALL CAPACITORS ARE F WITH PREFIX SYMBOL (u, P, ETC).

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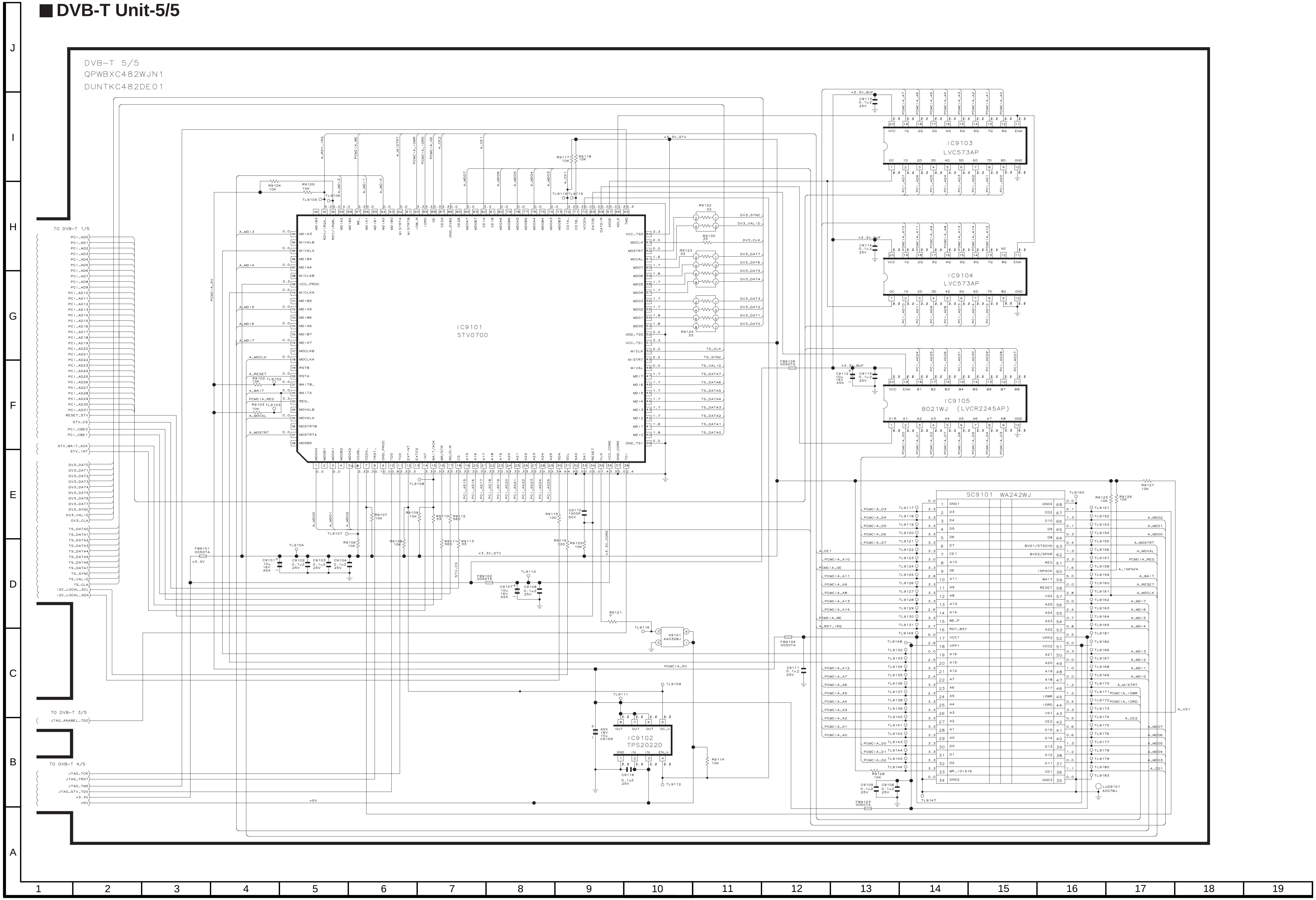
TU9001 TA010WJ
IC9013 TPS54350
IC9002 TPS54350
IC9001 TPS54350
IC9012 PQ070XZ1 +1.8V REG
IC9005 SN1GU04C
IC9003 LM393A
IC9008 TDA10046 COFDM CHANNEL DECODER
IC9004 PQ05DZ1U +5V REG
IC9007 A992WJ DSP CODE
IC9014 PQ05DZ1U +5V REG
IC9006 BD4730G RESET
IC9009 PQ09DZ1U +9V REG
IC9011 PCF8574T I/O EXPANDER
IC9010 TA78L05F +5V REG
Q9003 RTQ045N03
Q9002 RTQ045N03
Q9001 RTQ045N03
TO DVB-T 1/5
TO DVB-T 2/5
TO DVB-T 3/5
TO DVB-T 5/5
DVB-T 4/5
QPWBXC482WJN1
DUNTKC482DE01

■ DVB-T Unit-5/5


DVB-T 5/5
QPWBXC482WJN1
DUNTKC482DE01
IC9101
STV0700
IC9103
LVC573AP
IC9104
LVC573AP
IC9105
B021WJ (LVCR2245AP)
SC9101 WA242WJ
IC9102
TPS2022D
X9101
AA032WJ
TO DVB-T 1/5
TO DVB-T 3/5
TO DVB-T 4/5
+3.3V_STV
+3.3V_BUF
PCMCIA_5V
+5V
+3.3V
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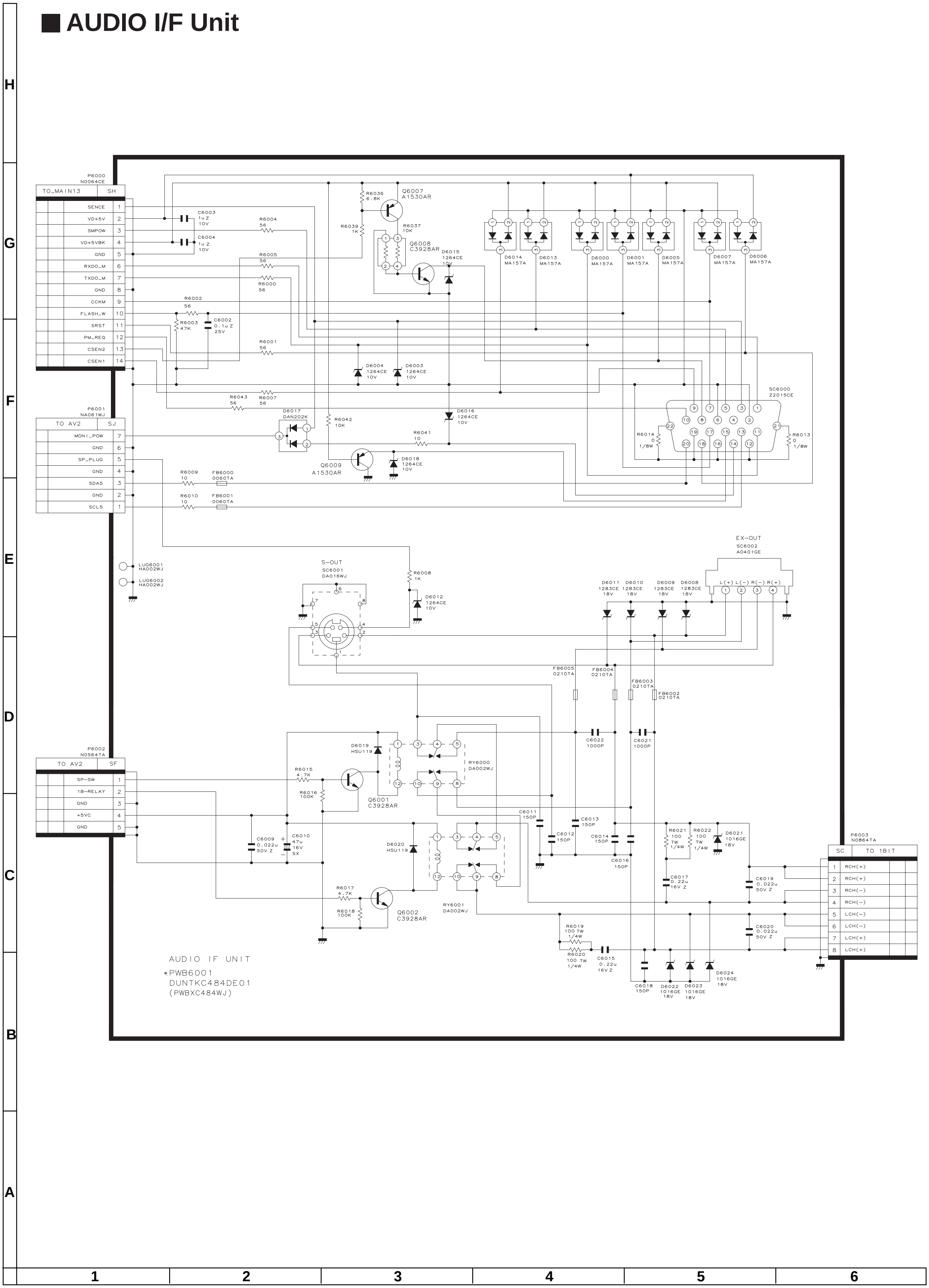
■ AUDIO I/F Unit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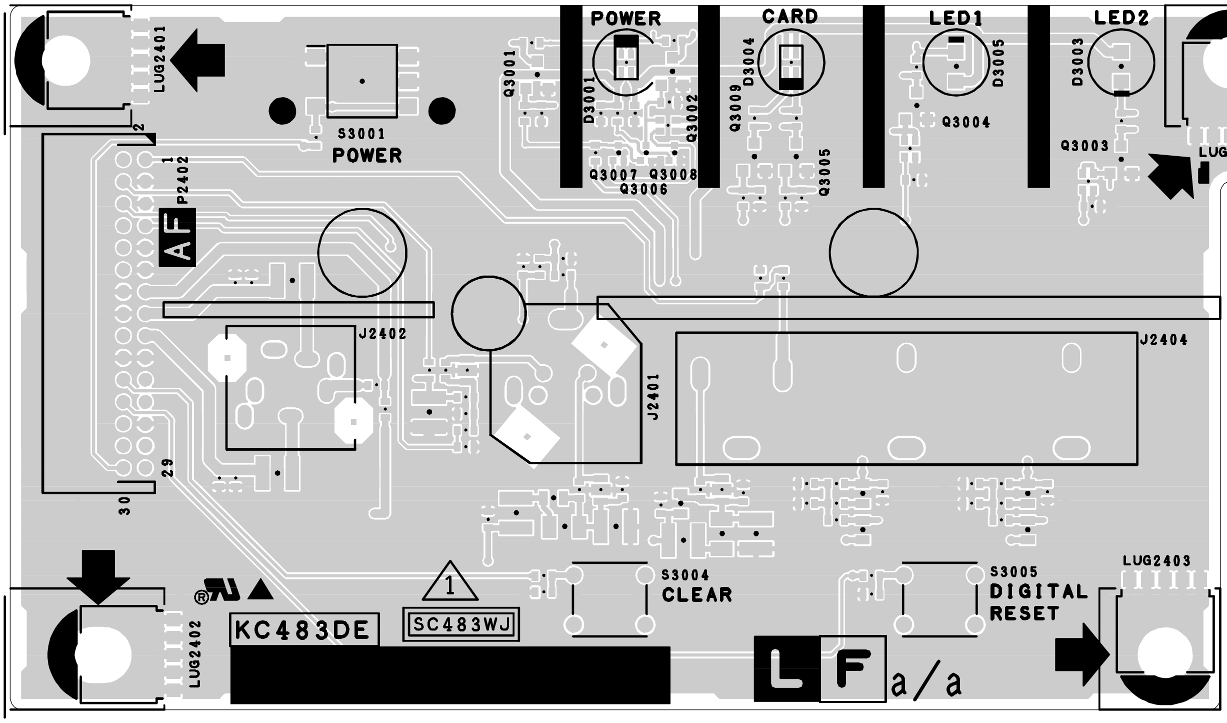
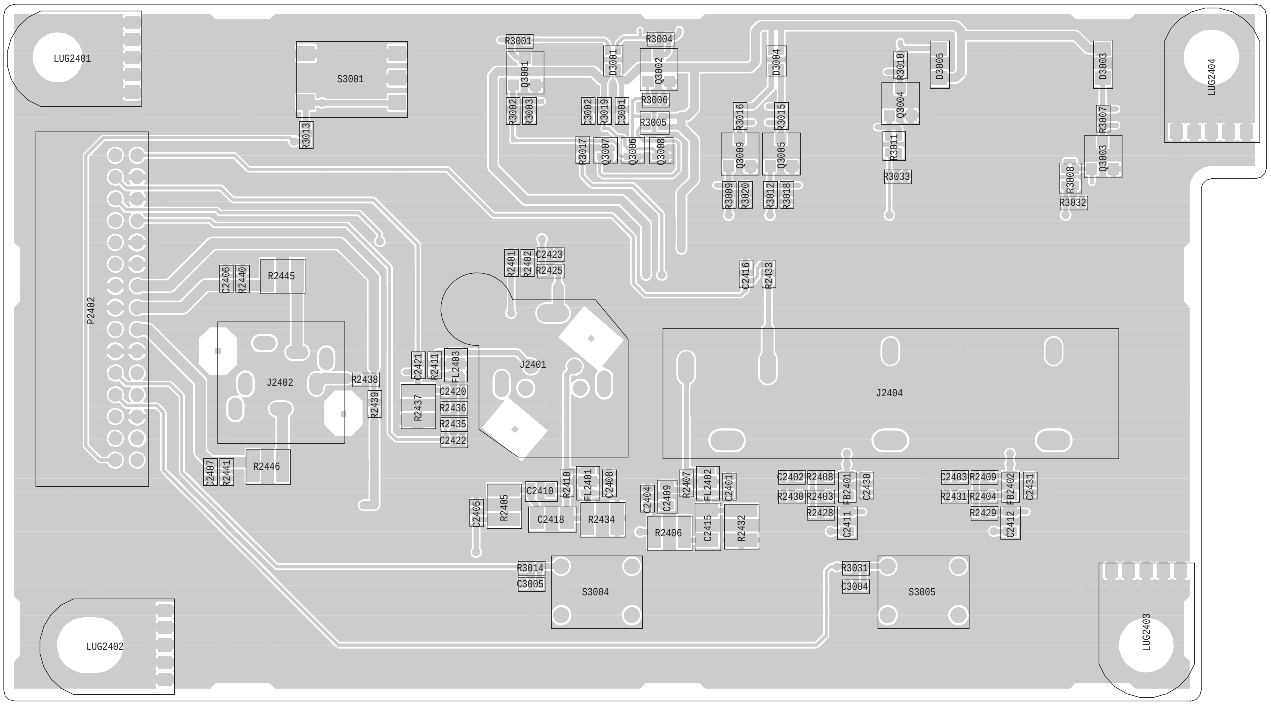
P6000
N0064CE
TO_MAIN13
SH
SENCE
VD+5V
SMPOW
VD+5VBK
GND
RXDO_M
TXDO_M
GND
CCKM
FLASH_W
SRST
PM_REQ
CSEN2
CSEN1
C6003 1u Z 10V
C6004 1u Z 10V
R6004 56
R6005 56
R6000 56
R6002 56
R6003 47K
C6002 0.1u Z 25V
R6001 56
R6043 56
R6007 56
Q6007 A1530AR
R6036 6.8K
R6039 1K
R6037 10K
Q6008 C3928AR
D6015 1264CE 10V
D6014 MA157A
D6013 MA157A
D6000 MA157A
D6001 MA157A
D6005 MA157A
D6007 MA157A
D6006 MA157A
D6004 1264CE 10V
D6003 1264CE 10V
D6016 1264CE 10V
D6017 DAN202K
R6042 10K
R6041 10
Q6009 A1530AR
D6018 1264CE 10V
SC6000 Z2015CE
R6014 0 1/8W
R6013 0 1/8W
P6001 NA061WJ
TO AV2
SJ
MONI_POW
GND
SP_PLUG
GND
SDA5
GND
SCL5
R6009 10
FB6000 0060TA
R6010 10
FB6001 0060TA
LUG6001 HA002WJ
LUG6002 HA002WJ
S-OUT
SC6001 DA016WJ
R6008 1K
D6012 1264CE 10V
EX-OUT
SC6002 A0401GE
D6011 1283CE 18V
D6010 1283CE 18V
D6009 1283CE 18V
D6008 1283CE 18V
L(+) L(-) R(-) R(+)
FB6005 0210TA
FB6004 0210TA
FB6003 0210TA
FB6002 0210TA
C6022 1000P
C6021 1000P
P6002 N0564TA
TO AV2
SF
SP-SW
1B-RELAY
GND
+5VC
GND
D6019 HSU119
R6015 4.7K
R6016 100K
Q6001 C3928AR
RY6000 DA002WJ
C6011 150P
C6012 150P
C6013 150P
C6014 150P
C6015 150P
C6009 0.022u 50V Z
C6010 47u 16V SX
D6020 HSU119
R6017 4.7K
R6018 100K
Q6002 C3928AR
RY6001 DA002WJ
R6021 100 TW 1/4W
R6022 100 TW 1/4W
D6021 1016GE 18V
C6017 0.22u 16V Z
C6019 0.022u 50V Z
C6020 0.022u 50V Z
R6019 100 TW 1/4W
R6020 100 TW 1/4W
C6015 0.22u 16V Z
C6018 150P
D6022 1016GE 18V
D6023 1016GE 18V
D6024 1016GE 18V
P6003 N0864TA
SC
TO 1BIT
RCH(+)
RCH(+)
RCH(-)
RCH(-)
LCH(-)
LCH(-)
LCH(+)
LCH(+)
AUDIO IF UNIT
*PWB6001
DUNTKC484DE01
(PWBXC484WJ)

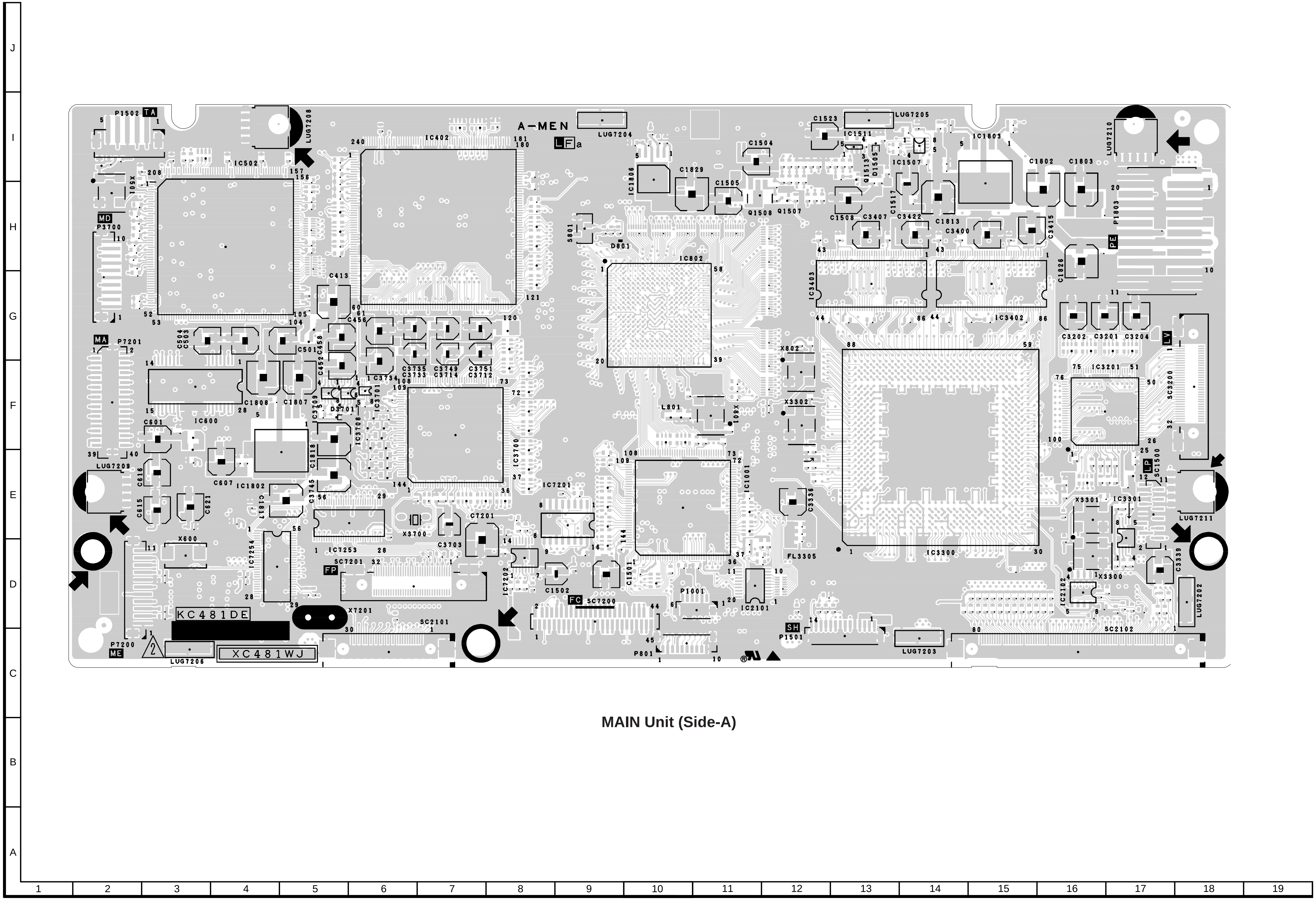
PRINTED WIRING BOARD ASSEMBLIES


POWER
CARD
LED1
LED2
LUG2401
S3001
POWER
Q3001
D3001
Q3002
D3004
Q3009
D3005
D3003
Q3004
Q3003
LUG2404
Q3007
Q3008
Q3006
Q3005
P2402
AF
J2402
J2401
J2404
29
30
1
2
S3004
CLEAR
S3005
DIGITAL
RESET
LUG2403
LUG2402
KC483DE
SC483WJ
1
LF
a/a

FRONT Unit (Component Side)


LUG2401
S3001
R3013
R3001
Q3001
R3002
R3003
D3001
R3004
Q3002
R3006
R3005
C3002
R3019
C3001
R3017
Q3007
Q3006
Q3008
D3004
R3016
R3015
Q3009
Q3005
R3009
R3020
R3012
R3018
R3010
D3005
Q3004
R3011
R3033
D3003
R3007
Q3003
R3008
R3032
LUG2404
P2402
C2406
R2440
R2445
R2401
R2402
C2423
R2425
C2416
R2433
J2402
R2438
R2439
C2421
R2411
FL2403
C2420
R2436
R2435
C2422
R2437
J2401
J2404
C2407
R2441
R2446
C2405
R2405
C2410
C2418
R2410
FL2401
C2408
R2434
C2404
C2409
R2407
FL2402
C2401
R2406
C2415
R2432
C2402
R2408
R2430
R2403
R2428
FB2401
C2430
C2411
C2403
R2409
R2431
R2404
R2429
FB2402
C2431
C2412
R3014
C3005
S3004
R3031
C3004
S3005
LUG2402
LUG2403

FRONT Unit (Chip Parts Side)


A-MEN
IC402
IC502
IC802
IC3300
IC3201
IC3402
IC3403
IC3700
IC7201
IC1001
IC1803
IC1511
IC1507
IC600
IC1802
IC7253
IC7254
IC3301
IC2101
IC2102
IC7202
P1502
P3700
P7201
P7200
P1001
P1501
P801
P1803
SC7200
SC7201
SC2101
SC2102
SC3200
SC1500
X600
X7201
X3700
X802
X3302
X3301
X3300
L801
FL3305
D801
D3701
S801
LUG7204
LUG7205
LUG7206
LUG7208
LUG7209
LUG7210
LUG7211
LUG7202
LUG7203
KC481DE
XC481WJ
TA
MD
MA
ME
FP
FC
SH
LF
PE
LV
LP
J
I
H
G
F
E
D
C
B
A
1
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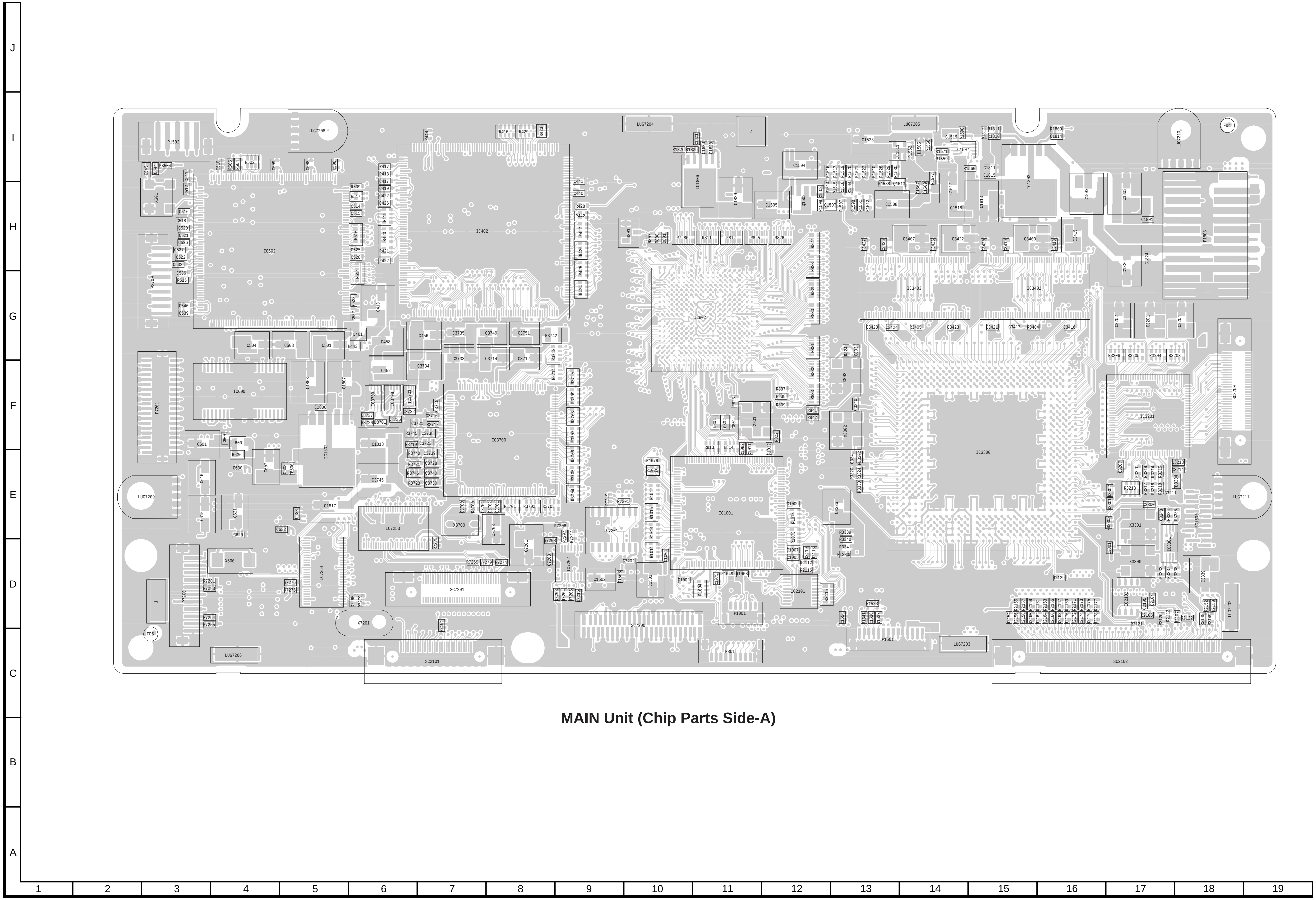
18
19

MAIN Unit (Side-A)


J
I
H
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C
B
A
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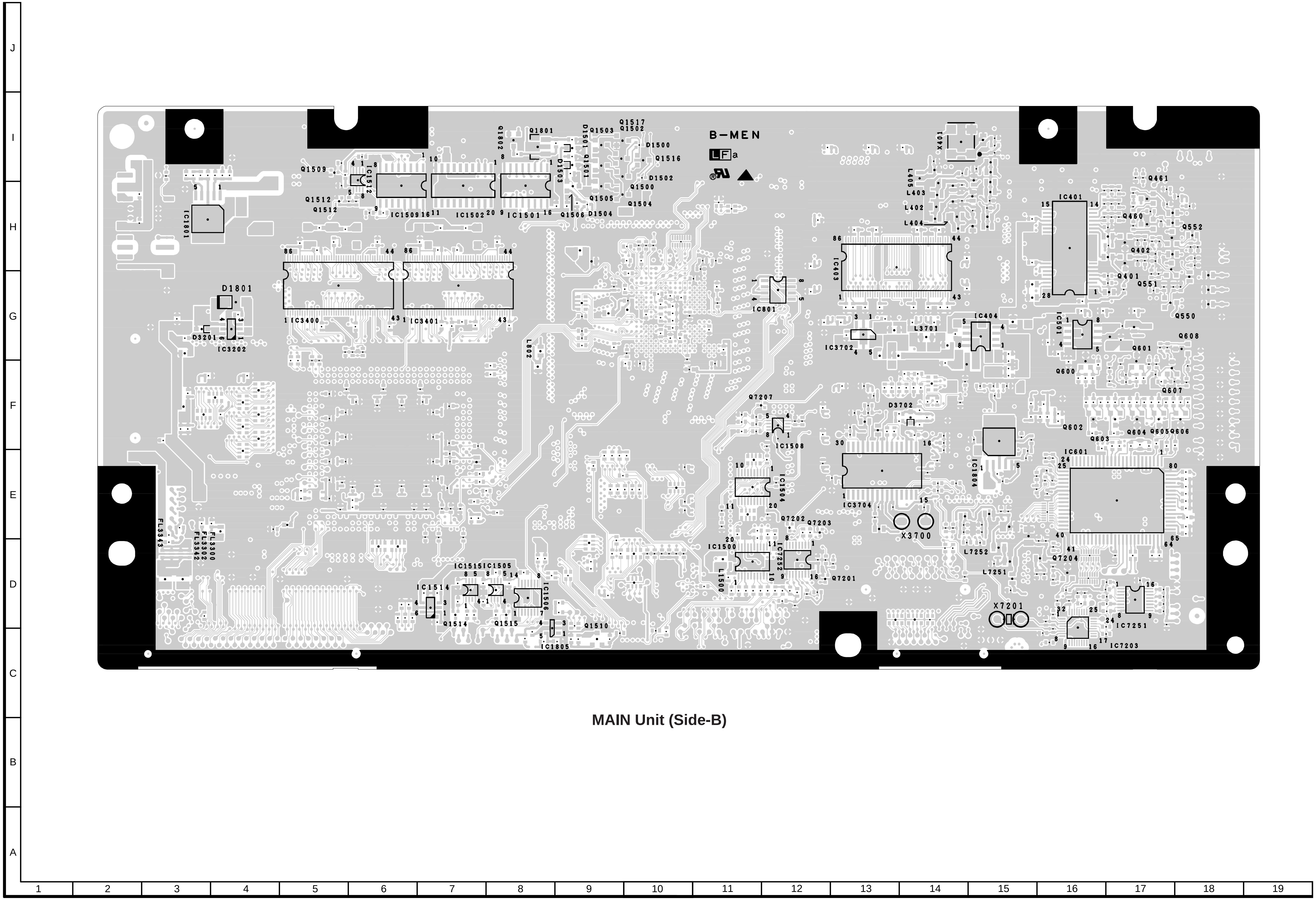
12
13
14
15
16
17
18
19
P1502
LUG7208
LUG7204
LUG7205
LUG7210
IC502
IC402
IC802
IC3403
IC3402
IC1803
IC1806
IC600
IC1802
IC3700
IC7253
IC7201
IC1001
IC3300
IC3201
IC7254
IC2101
IC7202
X501
X600
X700
X801
X802
X3301
X3300
X3302
X7201
P3700
P7201
P7200
P1001
P1501
P801
P1803
SC3200
SC1900
SC7201
SC7200
SC2101
SC2102
LUG7209
LUG7211
LUG7206
LUG7203
LUG7202
FD4
FD5

MAIN Unit (Chip Parts Side-A)


J
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D
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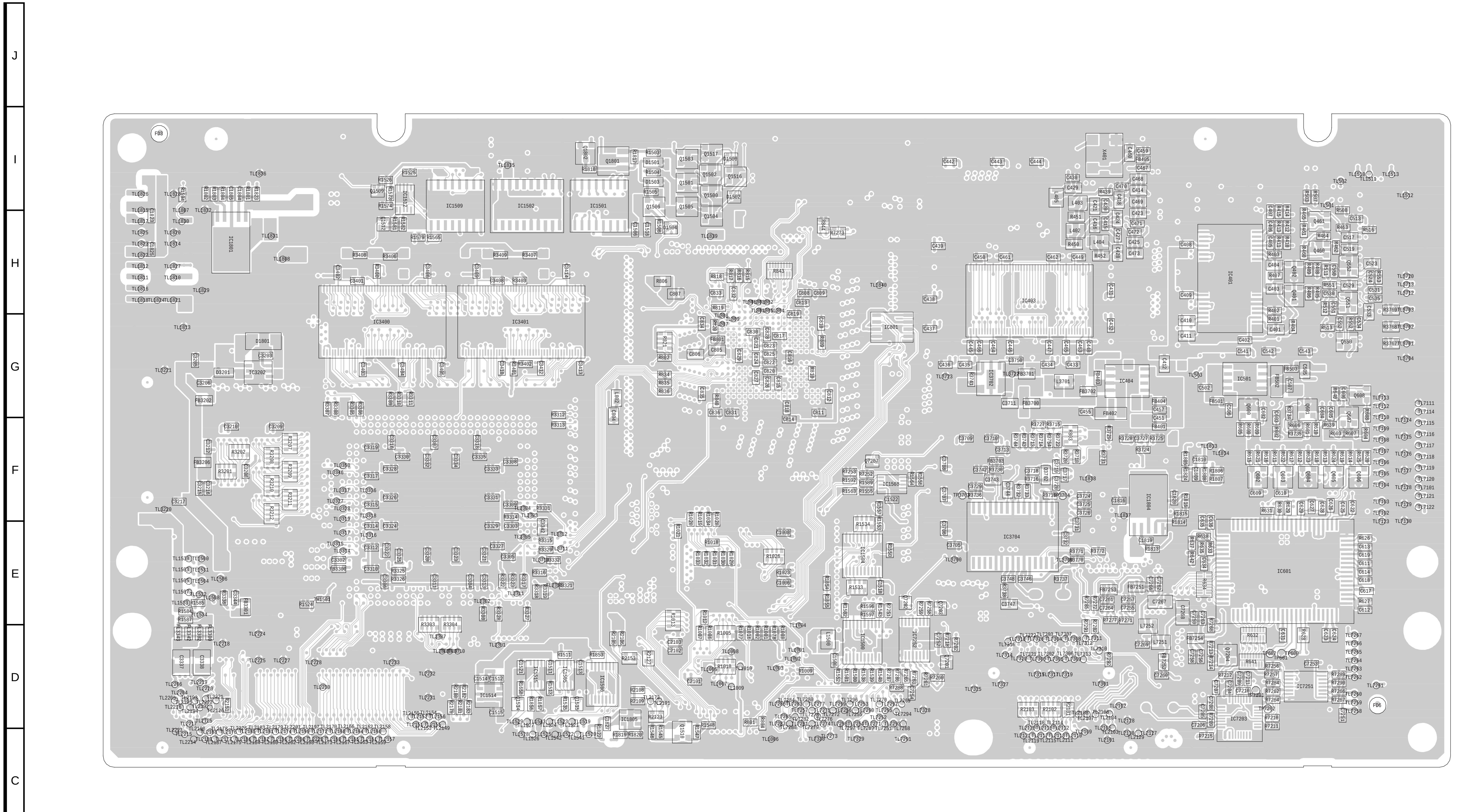
10
11
12
13
14
15
16
17
18
19
B—MEN
IC1801
D1801
D3201
IC3202
IC3400
IC3401
Q1509
Q1512
IC1512
IC1509
IC1502
IC1501
Q1802
Q1801
D1501
Q1503
Q1517
Q1502
D1503
Q1501
D1500
Q1516
D1502
Q1500
Q1505
Q1504
Q1506
D1504
L802
IC801
X401
L405
L403
L402
L404
IC403
IC401
Q461
Q460
Q552
Q402
Q401
Q551
Q550
Q608
Q601
Q600
Q607
IC501
IC404
L3701
IC3702
Q7207
IC1508
D3702
IC1804
Q602
Q603
Q604
Q605
Q606
IC601
IC1504
IC3704
X3700
Q7202
Q7203
IC1500
IC7252
Q7201
L1500
L7252
L7251
Q7204
X7201
IC7251
IC7203
FL3343
FL3300
FL3302
FL3342
IC1515
IC1505
IC1514
IC1506
Q1514
Q1515
Q1510
IC1805

MAIN Unit (Side-B)


J
I
H
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E
D
C
B
A
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16
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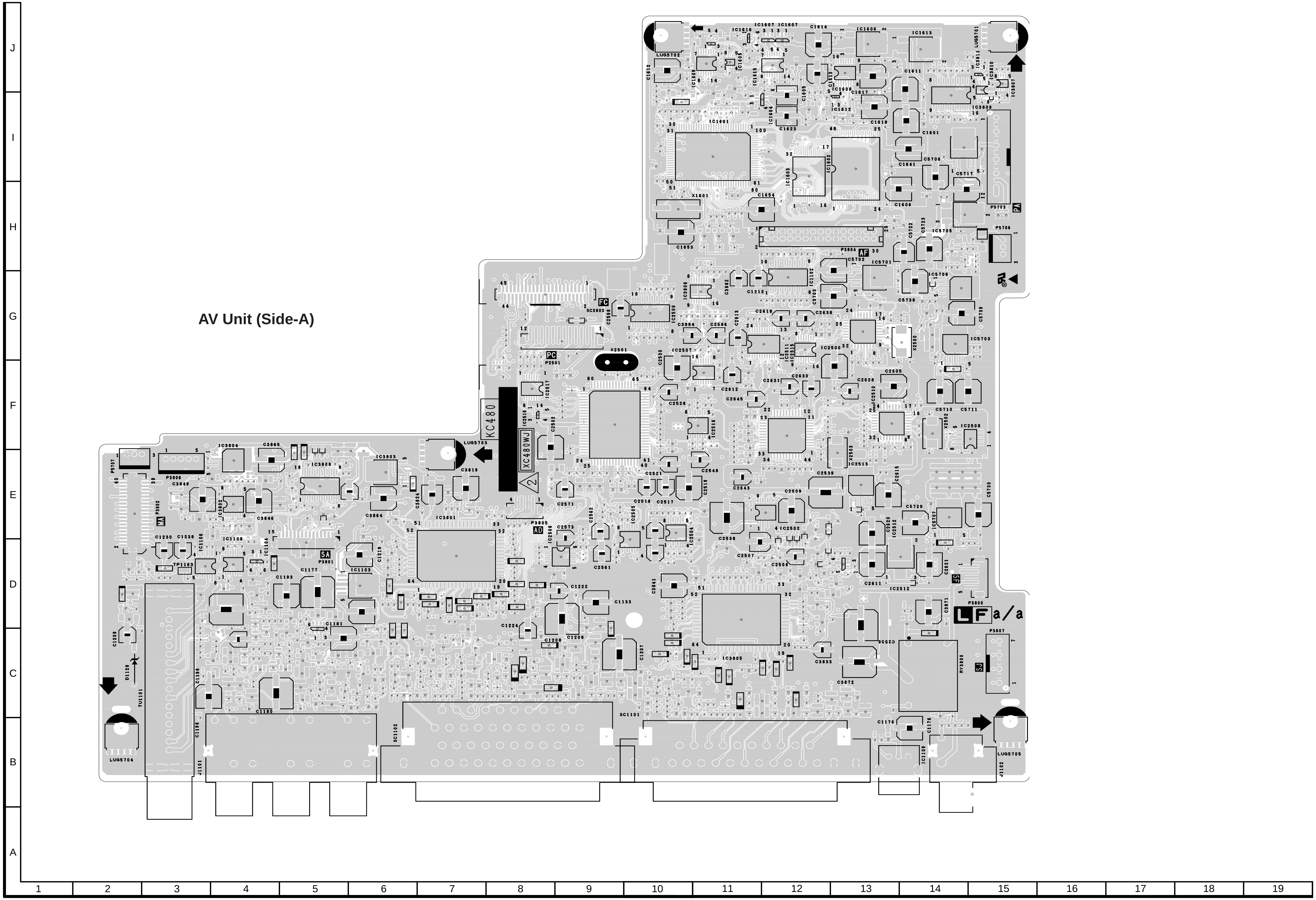
18
19

MAIN Unit (Chip Parts Side-B)

AV Unit (Side-A)


J
I
H
G
F
E
D
C
B
A
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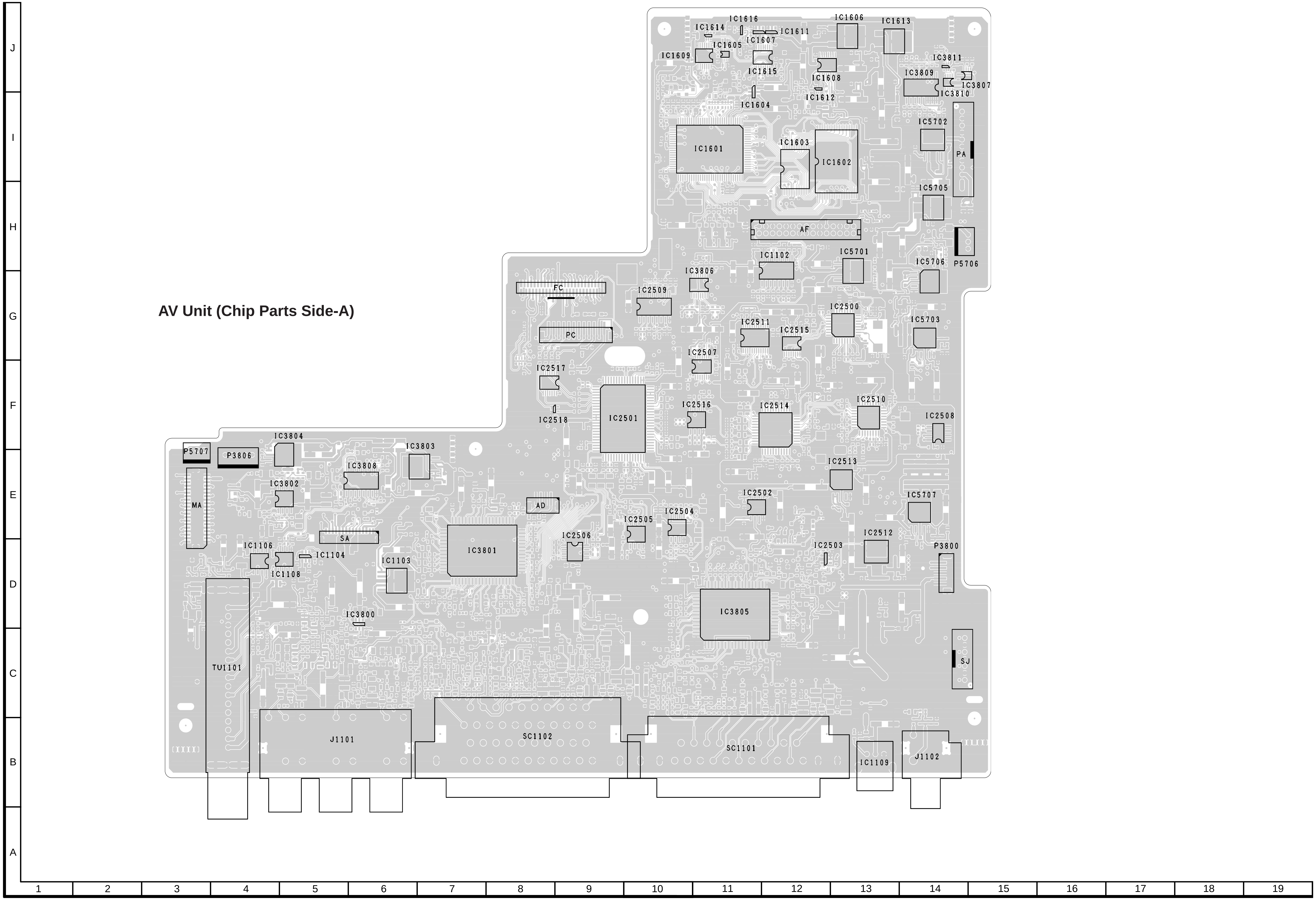
6
7
8
9
10
11
12
13
14
15
16
17
18
19
KC480
XC480WJ
IC1601
IC1602
IC3801
IC3805
IC2501
X2501
X1601
SC1101
SC1102
J1101
J1102
TU1101
RY3800
LUG5701
LUG5702
LUG5703
LUG5704
LUG5705
P5701
P5703
P5706
P3800
P3801
P3802
P3804
P3805
P3806
P3807
P2501
SC3802
FC
PC
AF
AD
SA
MA
PA
SJ
SF
LF a/a



AV Unit (Chip Parts Side-A)

J
I
H
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B
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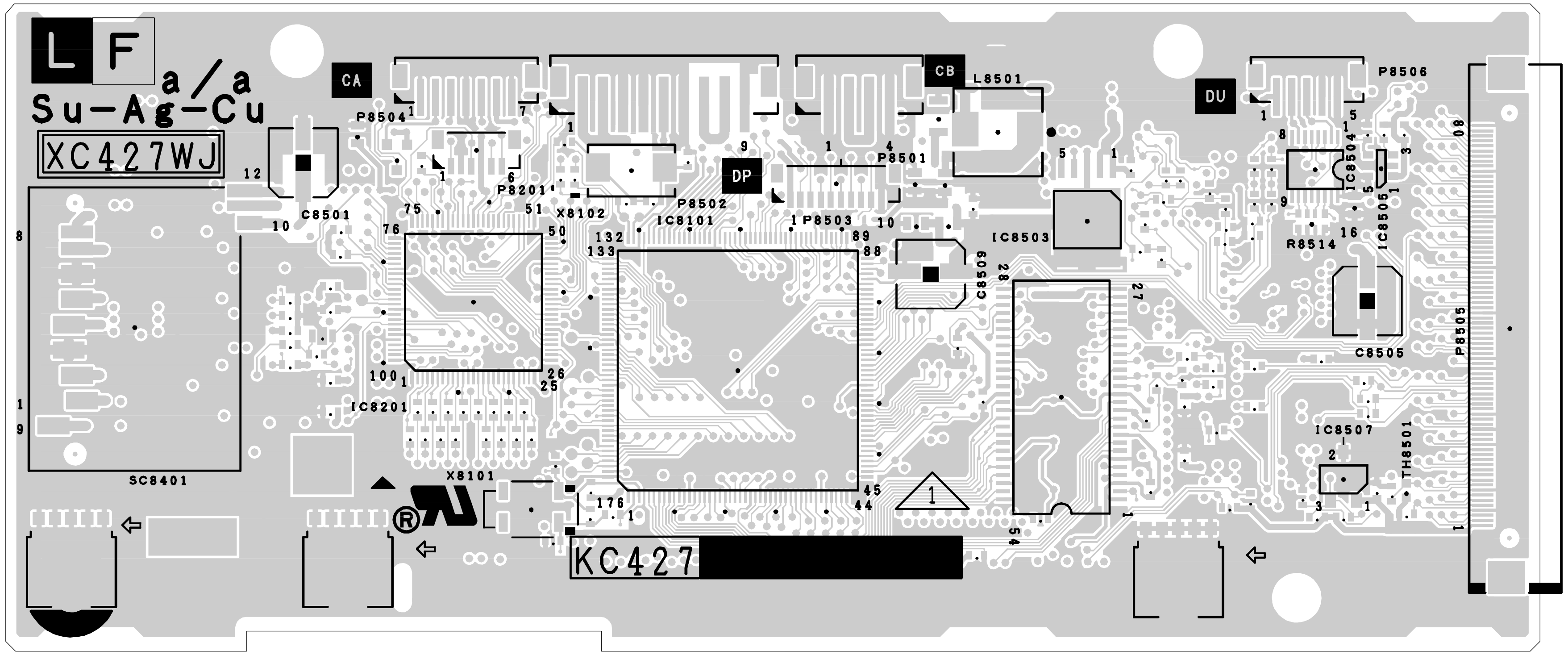
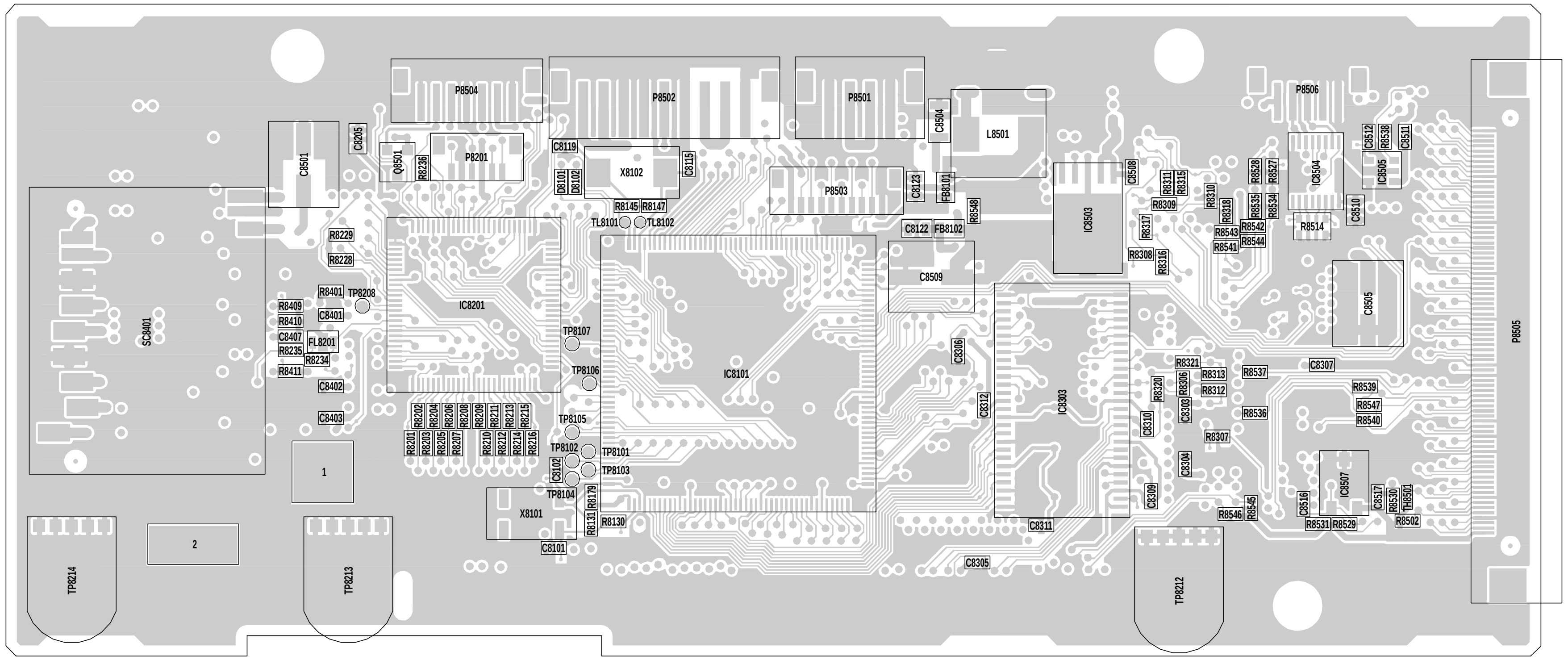
12
13
14
15
16
17
18
19
IC1616
IC1606
IC1613
IC1614
IC1611
IC1607
IC1605
IC1609
IC1615
IC1608
IC3811
IC3809
IC3807
IC3810
IC1612
IC1604
IC5702
IC1601
IC1603
IC1602
PA
IC5705
AF
IC1102
IC5701
P5706
IC5706
IC3806
FC
IC2509
IC2500
IC2511
IC5703
IC2515
PC
IC2507
IC2517
IC2516
IC2514
IC2510
IC2518
IC2501
IC2508
IC3804
P5707
P3806
IC3803
IC3808
IC2513
IC3802
MA
AD
IC2502
IC5707
IC2504
IC2505
IC2506
SA
IC3801
IC2512
IC1106
IC1104
IC2503
P3800
IC1103
IC1108
IC3800
IC3805
SJ
TU1101
J1101
SC1102
SC1101
IC1109
J1102

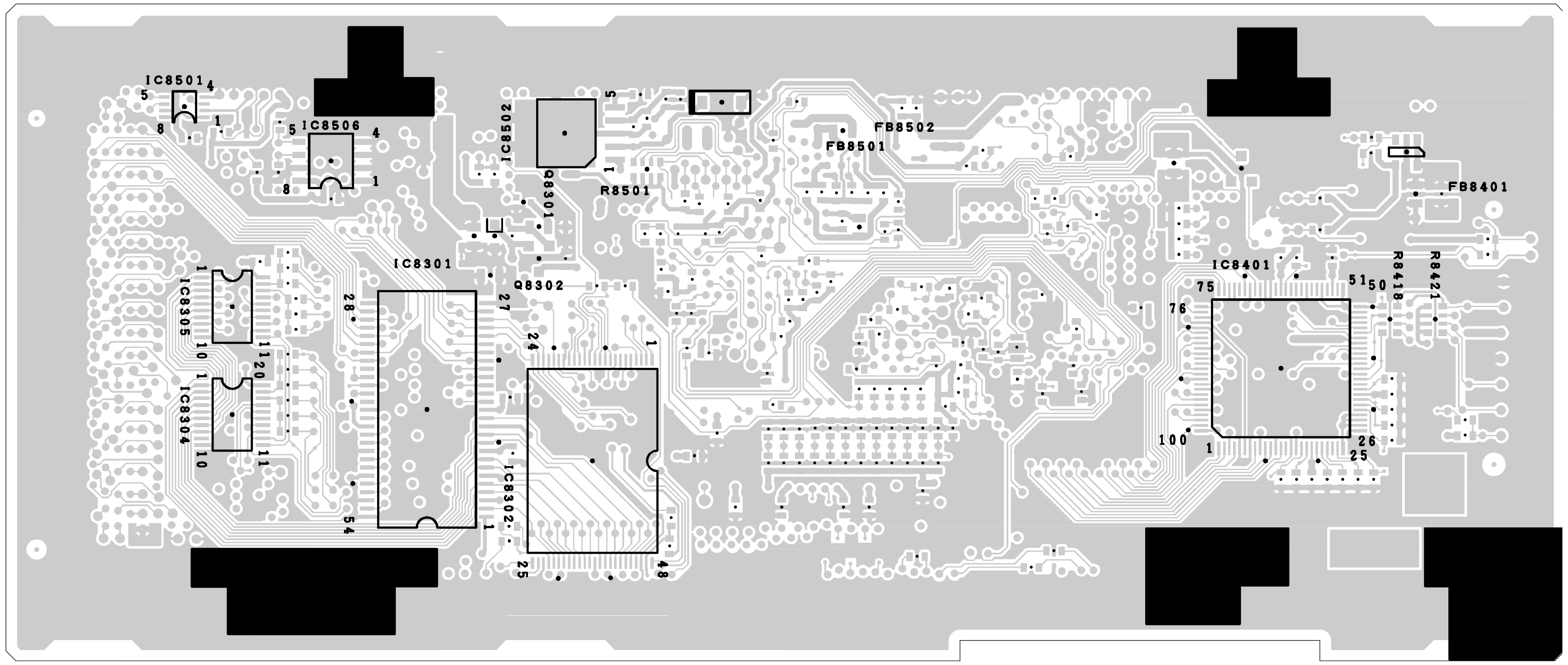

LF
a/a
Su-Ag-Cu
XC427WJ
CA
CB
DU
DP
P8504
L8501
P8506
P8201
P8502
P8501
P8503
X8102
IC8101
IC8503
IC8504
IC8505
C8501
C8509
C8505
R8514
IC8201
IC8507
X8101
SC8401
TH8501
P8505
KC427

CPU Unit (Side-A)

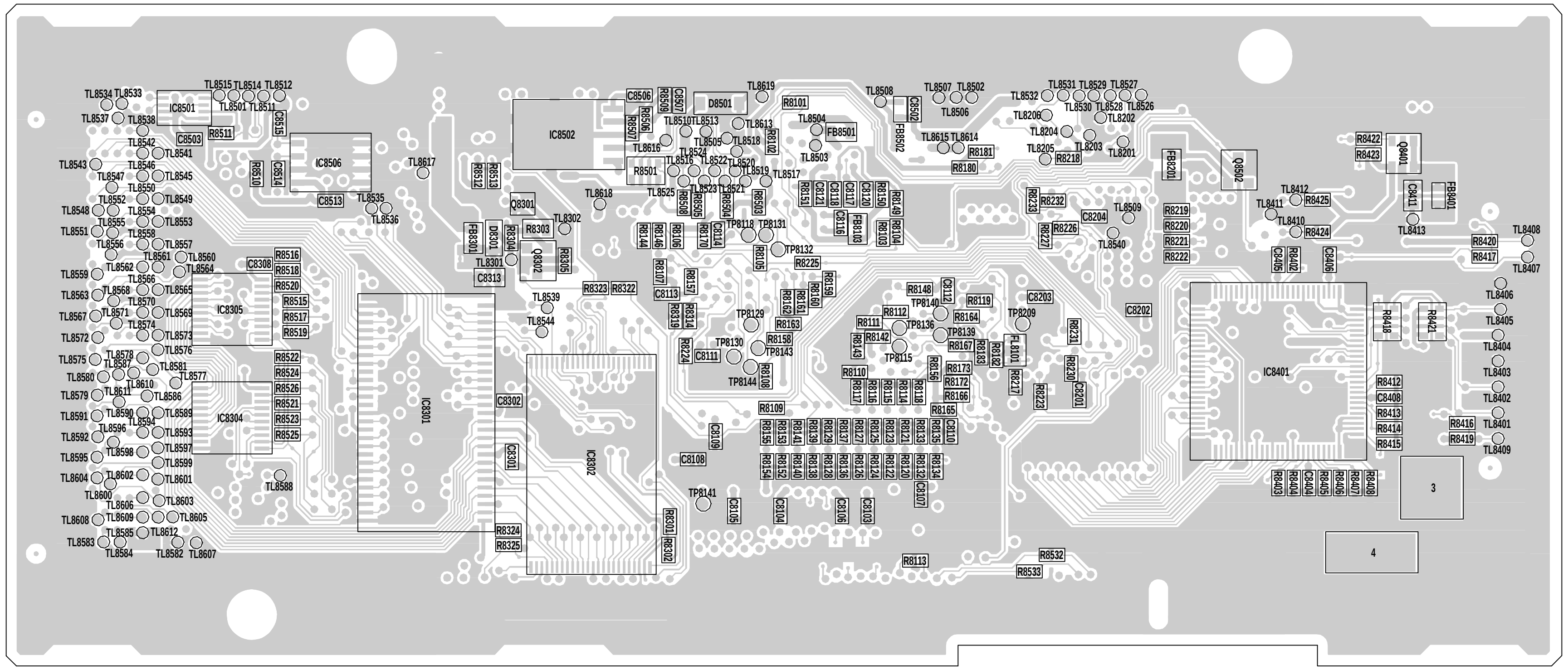

P8504
P8502
P8501
P8506
L8501
P8201
X8102
P8503
IC8503
IC8504
IC8505
C8501
C8509
C8505
IC8201
IC8101
IC8303
IC8507
SC8401
X8101
P8505
TP8214
TP8213
TP8212
TP8208
TP8107
TP8106
TP8105
TP8101
TP8102
TP8103
TP8104
TL8101
TL8102
FL8201
FB8102
Q8501
1
2

CPU Unit (Chip Parts Side-A)

J
I
H
G
F
E
D
C
B
A

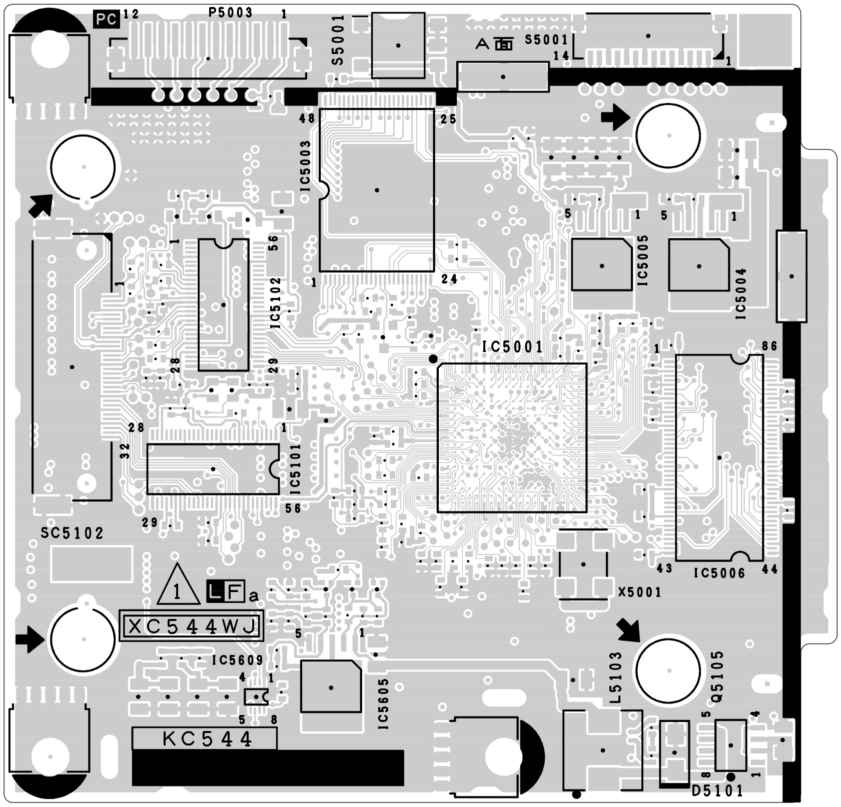

IC8501
IC8506
IC8502
Q8301
Q8302
R8501
FB8502
FB8501
FB8401
IC8301
IC8305
IC8304
IC8302
IC8401
R8418
R8421

CPU Unit (Side-B)

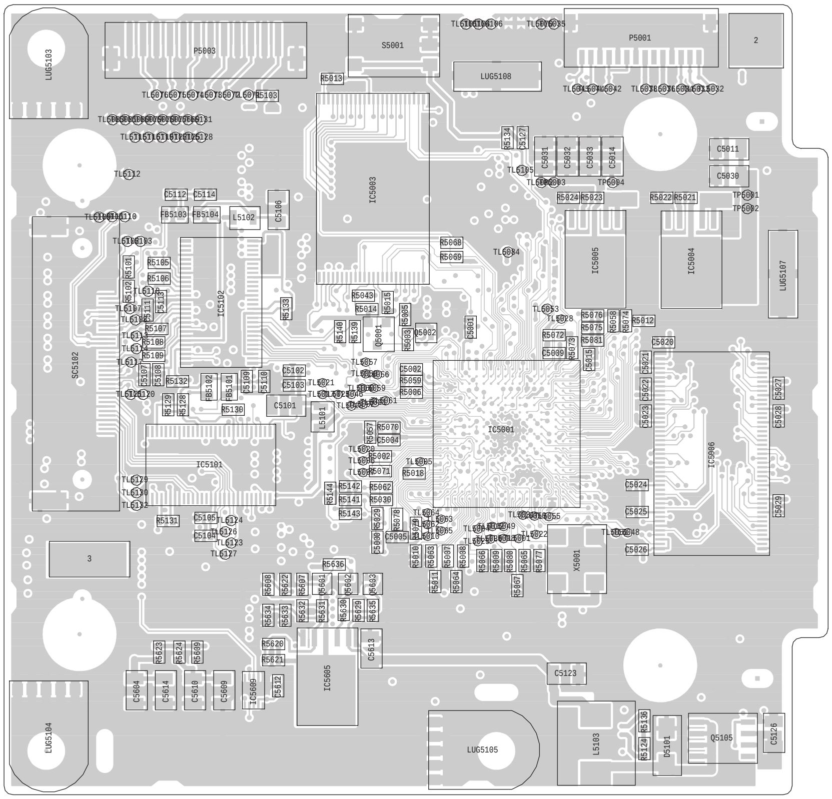

IC8501
IC8502
IC8506
IC8305
IC8304
IC8301
IC8302
IC8401
D8501
FB8501
FB8502
Q8301
Q8302
Q8401
Q8502
R8501
C8302
C8301
3
4

CPU Unit (Chip Parts Side-B)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19


PC
12
P5003
1
S5001
S5001
14
1
48
25
IC5003
56
24
IC5102
5
1
IC5005
IC5004
IC5001
86
28
29
32
IC5101
SC5102
1
LF a
XC544WJ
43
IC5006
44
X5001
IC5609
4
8
IC5605
L5103
Q5105
KC544
D5101

PC CARD Unit (Side-A)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2
R5013
R5103
IC5003
C5011
C5030
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TP5002
TP5004
R5024
R5023
R5022
R5021
C5031
C5032
C5033
C5034
R5134
C5127
L5102
C5106
FB5103
FB5104
C5112
C5114
R5068
R5069
TL5084
IC5005
IC5004
LUG5107
SC5102
IC5102
R5105
R5106
R5107
R5108
R5109
R5101
R5102
R5133
R5043
R5014
R5015
Q5001
Q5002
C5001
R5076
R5075
R5081
R5072
C5009
C5015
R5012
C5020
C5021
C5022
C5023
C5027
C5028
R5132
FB5101
FB5102
C5102
C5103
C5101
L5101
R5130
C5002
R5059
R5006
R5070
C5004
IC5001
IC5006
IC5101
R5062
R5030
R5142
R5141
R5143
R5144
C5024
C5025
C5026
C5029
R5131
C5105
C5104
3
X5001
R5636
R5620
R5621
C5613
IC5605
C5604
C5614
C5610
C5609
IC5609
C5612
R5623
R5624
C5606
C5123
LUG5104
LUG5105
L5103
R5136
R5124
D5101
Q5105
C5126

PC CARD Unit (Chip Parts Side-A)

H
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E
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A

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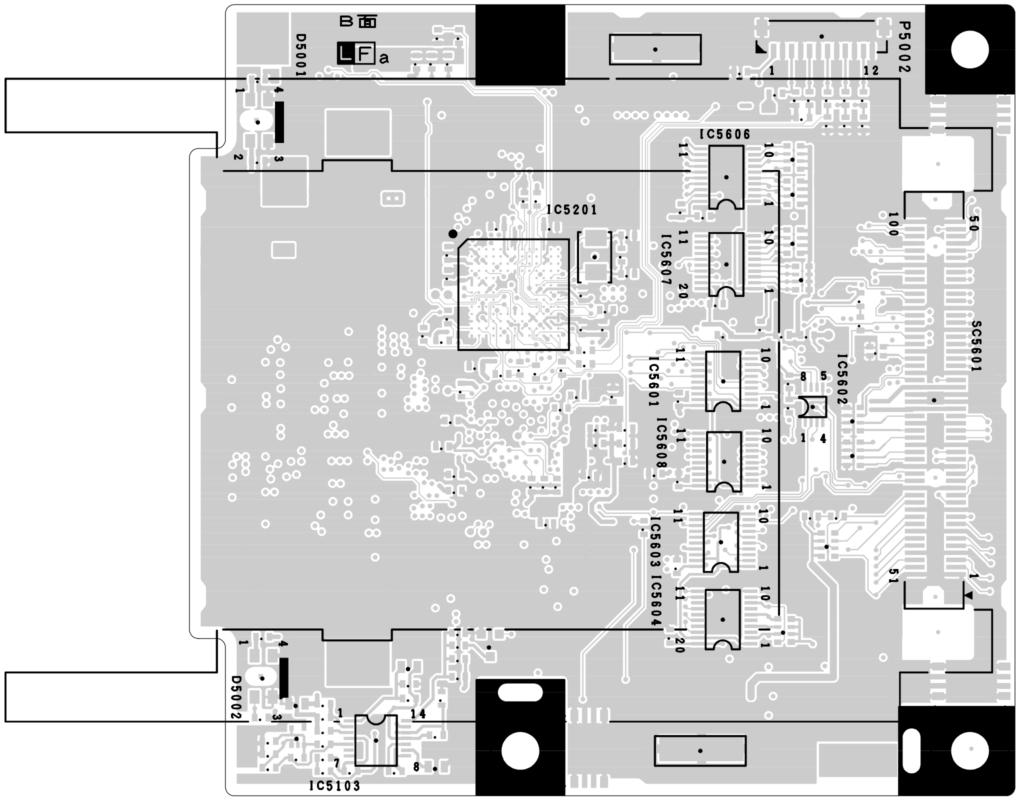
6


D5001
D5002
P5002
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IC5201
IC5607
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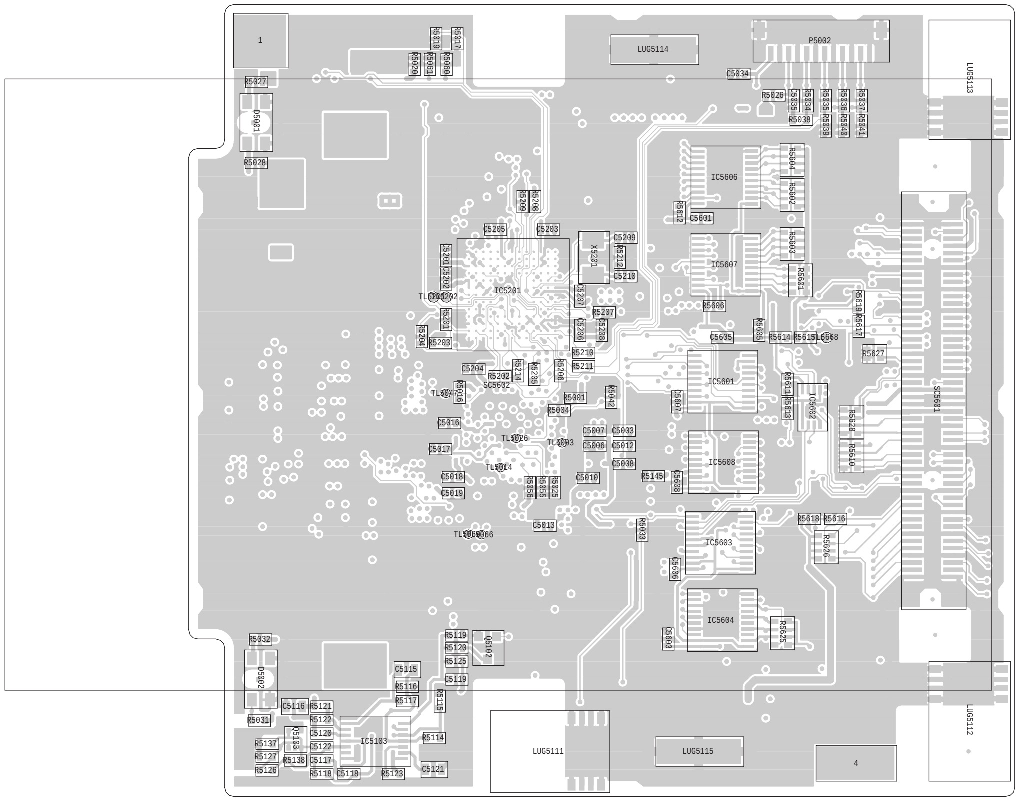
IC5602
IC5608
IC5603
IC5604
IC5103
SC5601

PC CARD Unit (Side-B)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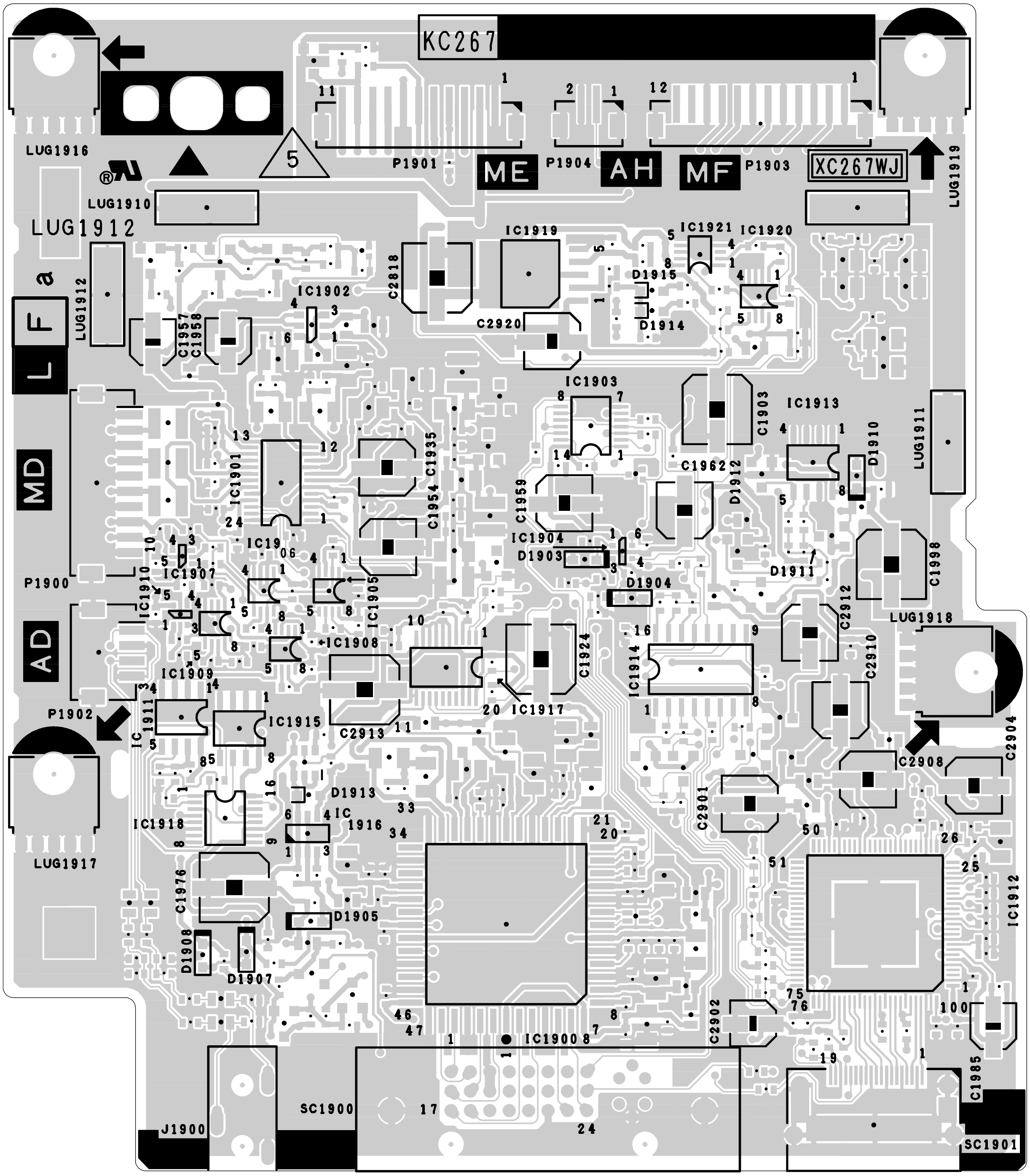
LUG5114
LUG5113
LUG5112
LUG5111
LUG5115
IC5606
IC5607
IC5201
IC5601
IC5602
IC5608
IC5603
IC5604
IC5103
SC5601
D5001
D5002
X5201

PC CARD Unit (Chip Parts Side-B)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XC267WJ
P1901
P1904
P1903
ME
AH
MF
LUG1916
LUG1919
LUG1910
LUG1912
LUG1911
LUG1918
LUG1917
IC1919
IC1921
IC1920
D1915
D1914
IC1902
C2818
C2920
C1957
C1958
IC1903
IC1913
C1903
D1910
C1962
D1912
C1959
IC1901
C1954
C1935
IC1904
D1903
D1904
D1911
C1998
IC1906
IC1907
IC1910
IC1905
IC1908
IC1909
IC1914
C2912
C2910
P1900
P1902
IC1911
IC1915
C2913
IC1917
C1924
C2904
C2908
D1913
IC1916
IC1918
C2901
C1976
D1905
D1906
D1907
IC1912
C2902
IC1900
C1985
SC1900
SC1901
J1900
L
F
a
MD
AD
5
H
G
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E
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C
B
A
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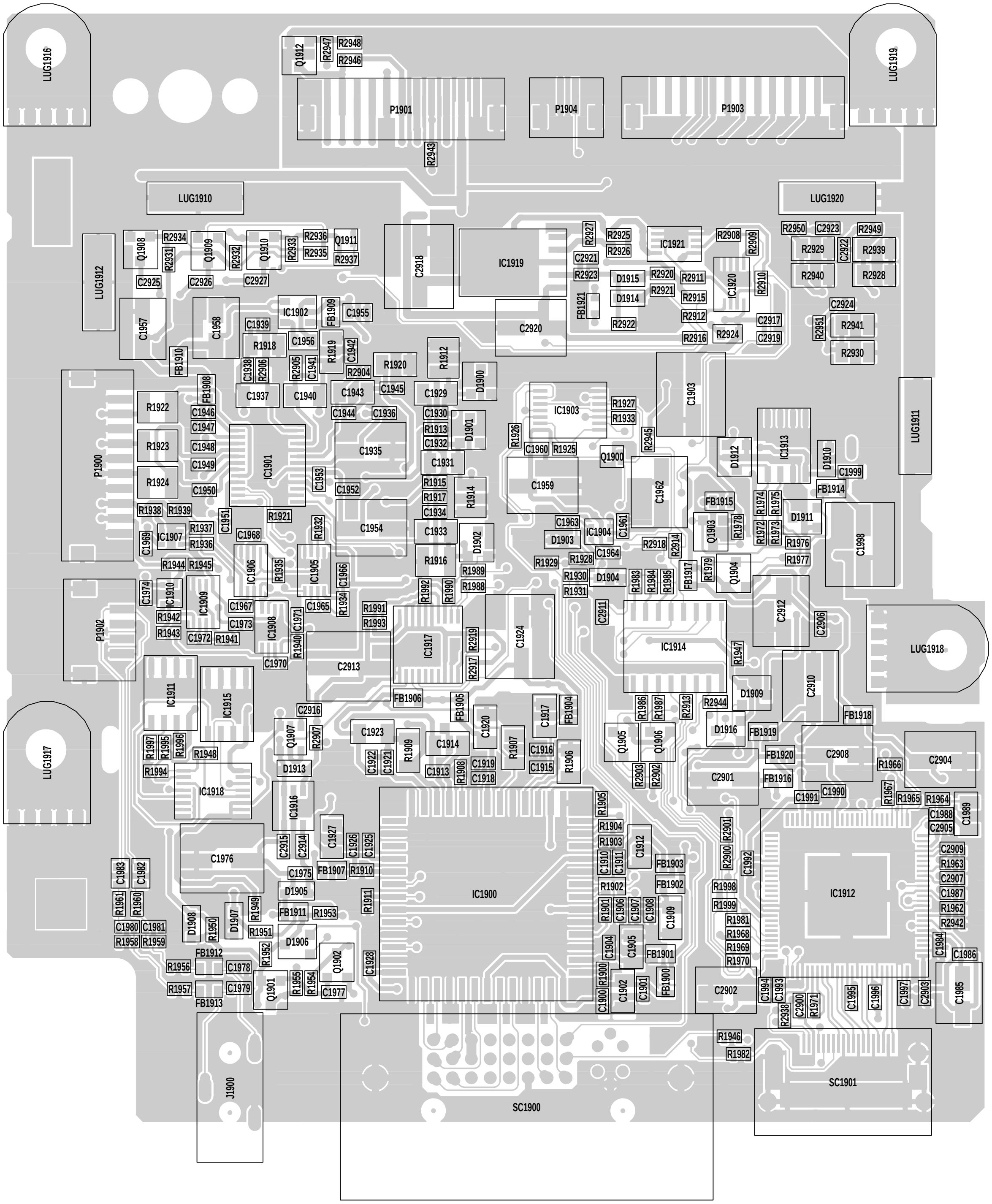
6

DVI Unit (Component Side)


H
G
F
E
D
C
B
A
1
2
3
4
5
6
LUG1916
LUG1919
Q1912
R2947
R2948
R2946
P1901
P1904
P1903
R2943
LUG1910
LUG1920
LUG1912
Q1908
R2934
R2931
Q1909
R2932
Q1910
R2933
R2936
R2935
Q1911
R2937
C2925
C2926
C2927
C2918
IC1919
R2927
R2925
R2926
IC1921
R2908
R2909
R2950
C2923
R2949
R2929
C2922
R2939
R2940
R2928
C2921
R2923
D1915
R2920
R2911
C1920
R2910
D1914
R2921
R2915
C2924
C1957
C1958
IC1902
FB1909
C1955
C2920
FB1921
R2922
R2912
C2917
R2951
R2941
C1939
R1918
C1956
R1919
C1942
R2916
R2924
C2919
R2930
FB1910
C1938
R2906
R2905
C1941
R2904
R1920
R1912
D1900
FB1908
C1937
C1940
C1943
C1945
C1929
IC1903
R1927
R1933
C1903
LUG1911
P1900
R1922
C1946
C1947
C1944
C1936
C1930
R1913
C1932
D1901
R1926
R2945
IC1913
R1923
C1948
C1949
IC1901
C1935
C1960
R1925
Q1900
D1912
D1910
C1999
R1924
C1950
C1953
C1952
C1931
R1915
R1917
R1914
C1959
C1962
FB1914
R1938
R1939
C1951
R1921
C1934
FB1915
R1974
R1975
D1911
C1969
IC1907
R1937
R1936
C1968
R1932
C1954
C1933
D1902
C1963
IC1904
C1961
Q1903
R1978
R1972
R1973
C1998
D1903
R2918
R2914
R1976
R1944
R1945
IC1906
R1935
IC1905
C1966
R1916
C1964
R1928
R1929
R1977
C1974
IC1910
IC1909
R1989
R1930
D1904
R1983
R1984
R1985
FB1917
R1979
Q1904
P1902
R1934
C1967
C1965
R1992
R1990
R1988
R1931
R1991
C2912
R1942
C1973
IC1908
C1971
R1993
C2911
C2906
R1943
C1972
R1941
R1940
IC1917
R2919
C1924
IC1914
LUG1918
C1970
C2913
R2917
R1947
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FB1905
C1917
FB1904
R1986
R1987
R2913
R2944
D1909
C2910
C2916
FB1918
LUG1917
R1997
R1995
R1996
Q1907
R2907
C1923
R1909
C1914
C1920
R1907
Q1905
Q1906
D1916
FB1919
R1948
C1922
C1921
C1916
R1906
FB1920
C2908
R1966
C2904
R1994
D1913
C1913
R1908
C1919
C1918
C1915
R2903
R2902
C2901
FB1916
IC1918
C1991
C1990
R1967
R1965
R1964
IC1916
R1905
C1988
C2905
C1989
R1904
R2901
C1976
C2915
C2914
C1927
C1926
C1925
R1903
C1912
C2909
C1983
C1982
C1975
FB1907
R1910
C1910
C1911
FB1903
R2900
C1992
R1963
C2907
D1905
R1902
FB1902
R1998
IC1900
IC1912
C1987
R1961
R1960
R1911
R1901
C1906
C1907
C1908
C1909
R1999
R1962
FB1911
R1953
R1981
R2942
C1980
C1981
D1908
R1950
D1907
R1949
R1968
R1958
R1959
R1951
D1906
R1969
C1984
FB1912
R1952
Q1902
C1904
C1905
FB1901
C1986
R1956
C1978
C1928
R1970
R1900
C1902
FB1900
C2902
C1994
C1993
C1985
R1957
C1979
Q1901
R1955
R1954
C1977
C1900
C1901
R2938
C2900
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C1995
C1996
C1997
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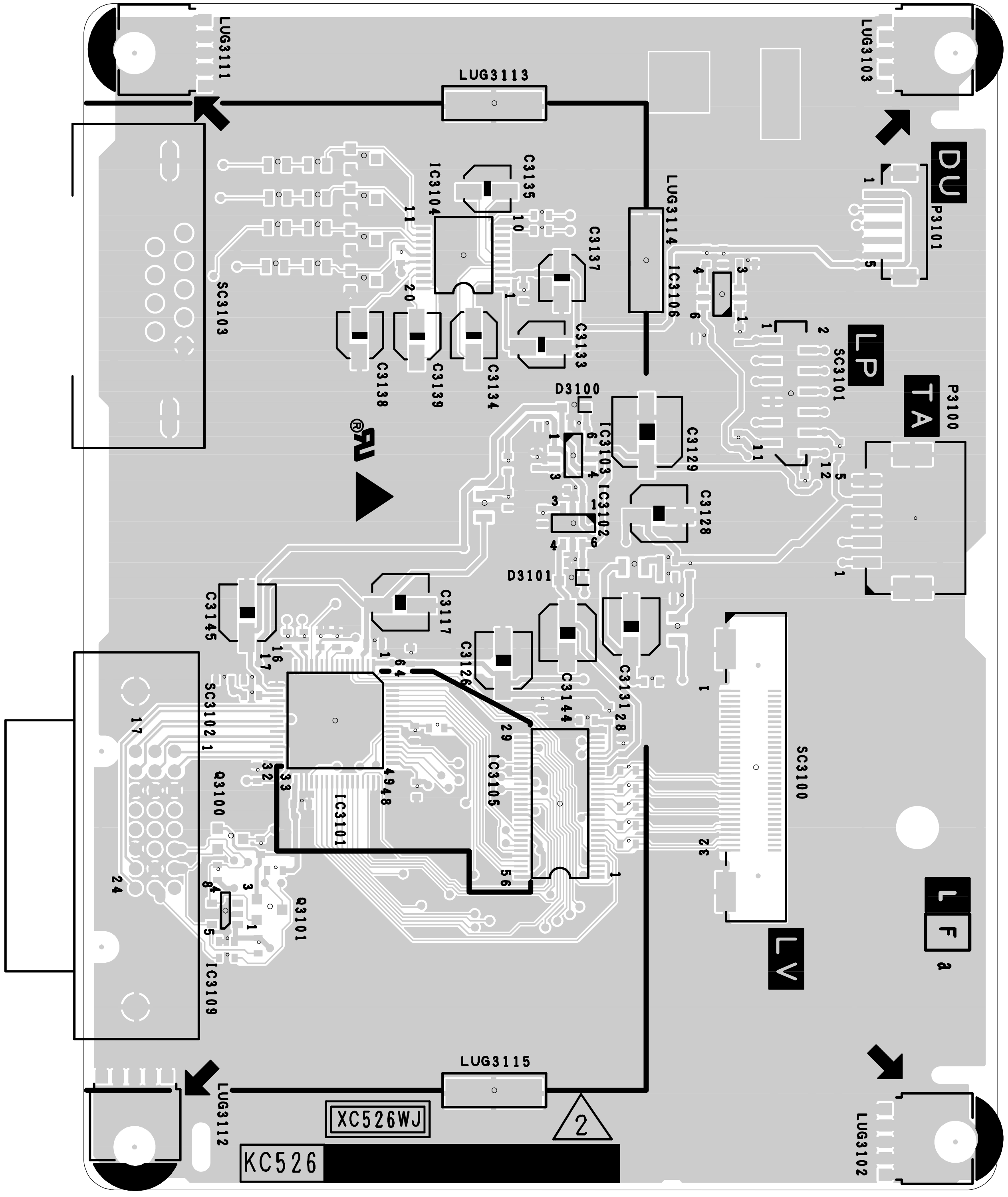
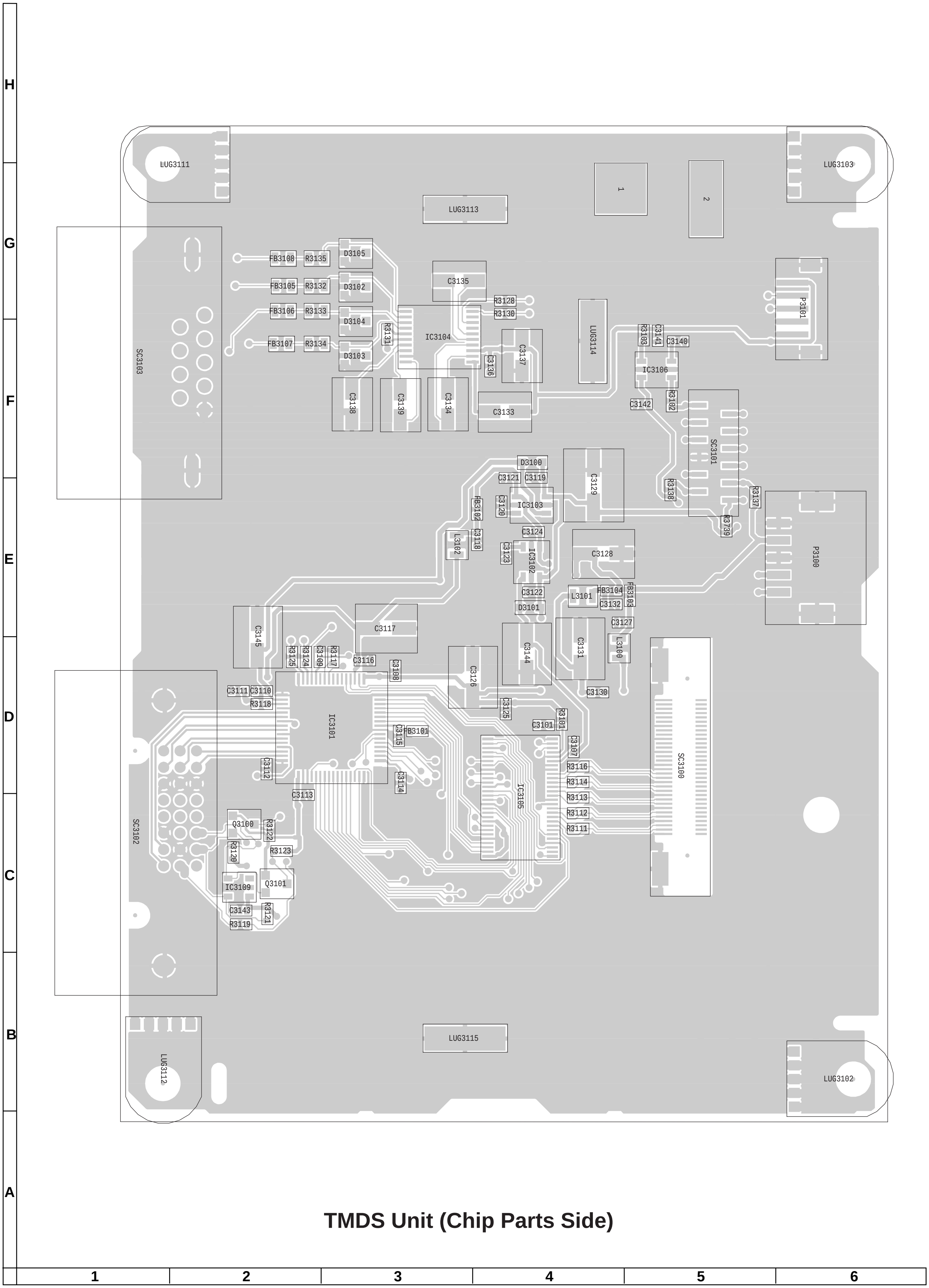
R1982
J1900
SC1901
SC1900

DVI Unit (Chip Parts Side)


H
G
F
E
D
C
B
A
1
2
3
4
5
6
LUG3111
LUG3113
LUG3103
DU
P3101
IC3104
C3135
LUG3114
C3137
IC3106
SC3103
C3138
C3139
C3134
C3133
LP
SC3101
TA
P3100
D3100
IC3103
C3129
IC3102
C3128
D3101
C3145
C3117
C3126
C3144
C3131
SC3102
Q3100
IC3101
IC3105
SC3100
Q3101
IC3109
L
F
a
LV
LUG3115
LUG3112
XC526WJ
2
KC526
LUG3102

TMDS Unit (Component Side)


H
G
F
E
D
C
B
A
1
2
3
4
5
6
LUG3111
LUG3113
1
2
LUG3103
SC3103
FB3108
R3135
D3105
FB3105
R3132
D3102
C3135
R3128
R3130
FB3106
R3133
D3104
R3131
IC3104
LUG3114
R3103
C3141
C3140
P3101
FB3107
R3134
D3103
C3136
C3137
IC3106
C3138
C3139
C3134
C3133
C3142
R3102
SC3101
D3100
C3121
C3119
C3129
R3138
R3137
FB3102
C3120
IC3103
R3739
P3100
L3102
C3118
C3124
C3123
IC3102
C3128
C3122
L3101
FB3104
FB3103
D3101
C3132
C3127
C3145
C3117
R3125
R3124
C3109
R3117
C3116
C3108
C3126
C3144
C3131
L3100
C3130
C3111
C3110
R3118
IC3101
C3125
R3101
C3101
C3115
FB3101
C3107
C3112
C3114
R3116
R3114
C3113
IC3105
R3113
R3112
SC3100
SC3102
Q3100
R3122
R3111
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R3119
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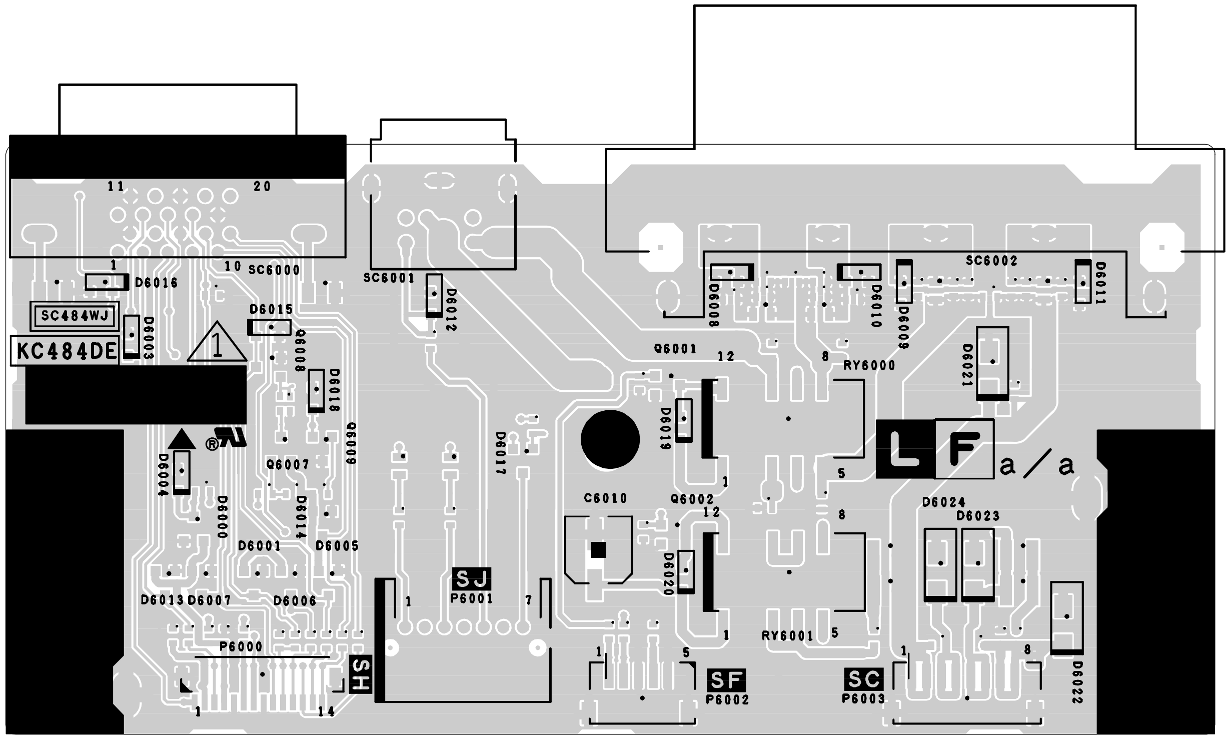
LUG3112
LUG3102

TMDS Unit (Chip Parts Side)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G
F
E
11
20
1
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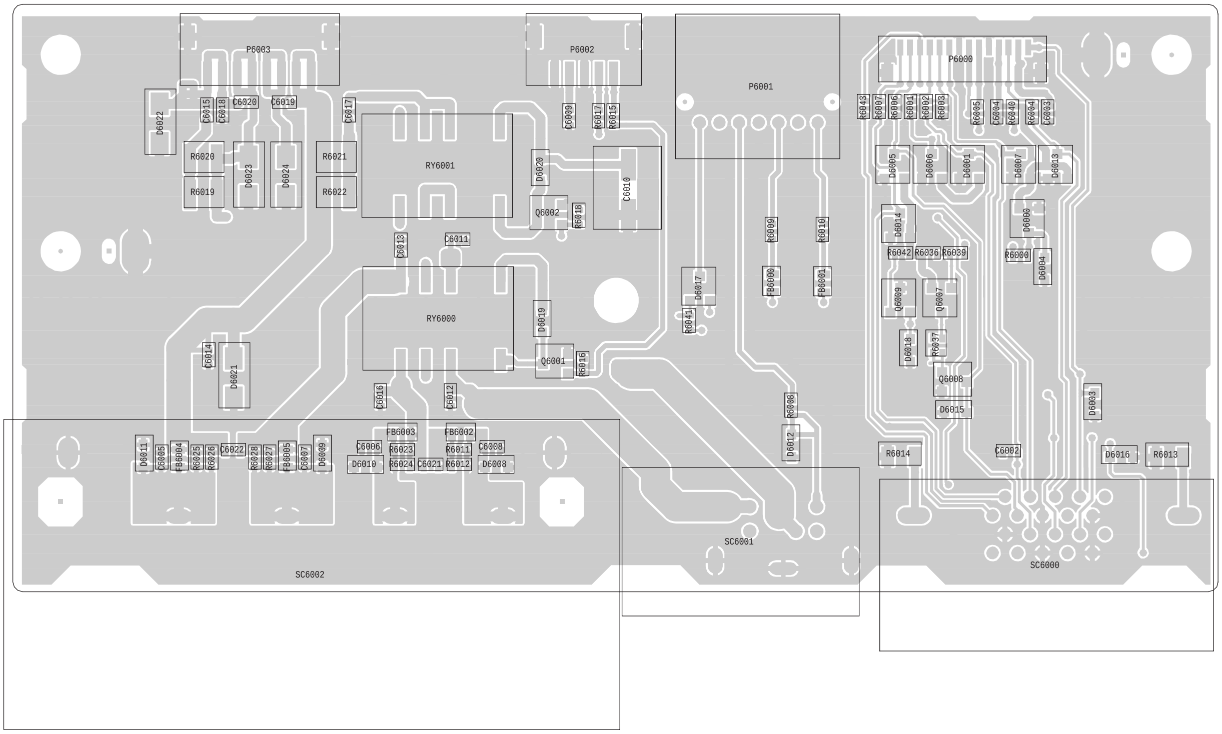
SC6000
D6016
SC484WJ
KC484DE
D6003
D6015
Q6008
D6018
Q6009
D6004
Q6007
D6000
D6014
D6001
D6005
D6013
D6007
D6006
P6000
1
14
SH
SC6001
D6012
D6017
SJ
P6001
1
7
C6010
Q6001
12
8
RY6000
D6019
1
5
Q6002
12
8
D6020
1
RY6001
5
D6008
D6010
D6009
SC6002
D6011
D6021
LF
a / a
D6024
D6023
1
5
SF
P6002
SC
P6003
1
8
D6022

AUDIO-I/F Unit (Component Side)


D
C
B
A
P6003
P6002
P6001
P6000
D6022
C6015
C6018
C6020
C6019
C6017
R6020
D6023
D6024
R6021
R6019
R6022
RY6001
C6009
R6017
R6015
D6020
C6010
Q6002
R6018
C6013
C6011
RY6000
D6019
Q6001
R6016
C6014
D6021
C6016
C6012
D6017
R6041
FB6000
FB6001
C6008
C6009
C6016
D6012
R6043
R6007
R6006
R6001
R6002
R6003
R6005
C6004
R6040
R6004
C6003
D6005
D6006
D6001
D6007
D6013
D6014
D6000
R6042
R6036
R6039
R6000
D6004
Q6009
Q6007
D6018
R6037
Q6008
D6015
D6003
R6014
C6002
D6016
R6013
D6011
C6005
FB6004
R6025
R6026
C6022
R6028
R6027
FB6005
C6007
D6009
FB6003
FB6002
C6006
R6023
R6011
C6008
D6010
R6024
C6021
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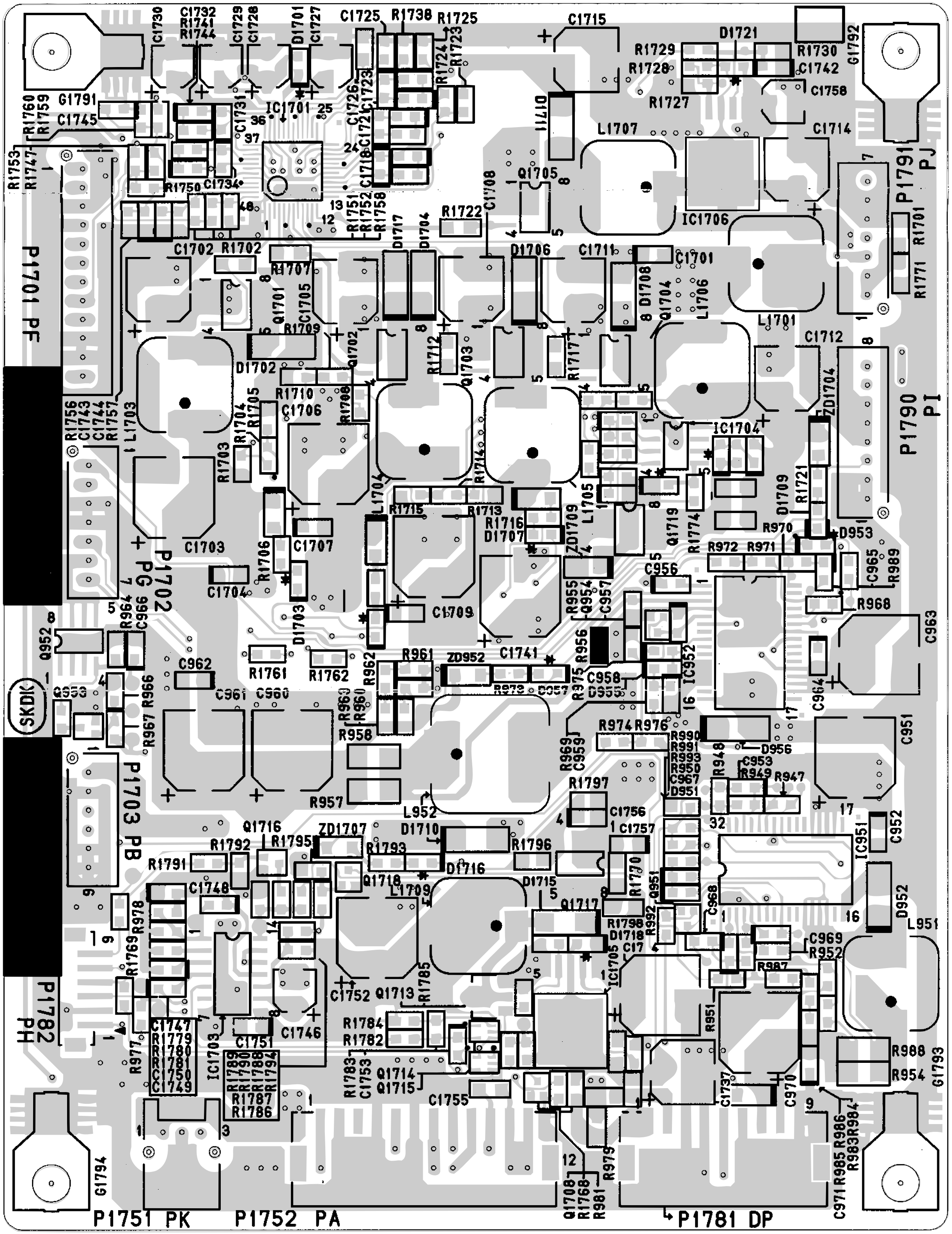
SC6001
SC6000

AUDIO-I/F Unit (Chip Parts Side)

1 2 3 4 5 6


H
G
F
E
D
C
B
A
1
2
3
4
5
6
P1701 PF
P1702 PG
P1703 PB
P1782 PH
P1751 PK
P1752 PA
P1781 DP
P1790 PI
P1791 PJ
IC1701
IC1704
IC1705
IC1706
IC951
IC952
IC1703
L1701
L1703
L1704
L1705
L1706
L1707
L1709
L951
L952
Q1701
Q1702
Q1703
Q1704
Q1705
Q1713
Q1714
Q1715
Q1716
Q1717
Q1718
Q1719
Q952
Q953
Q951
Q954
D1701
D1702
D1703
D1704
D1706
D1707
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D1709
D1710
D1711
D1715
D1716
D1717
D1721
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C1703
C1704
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R962
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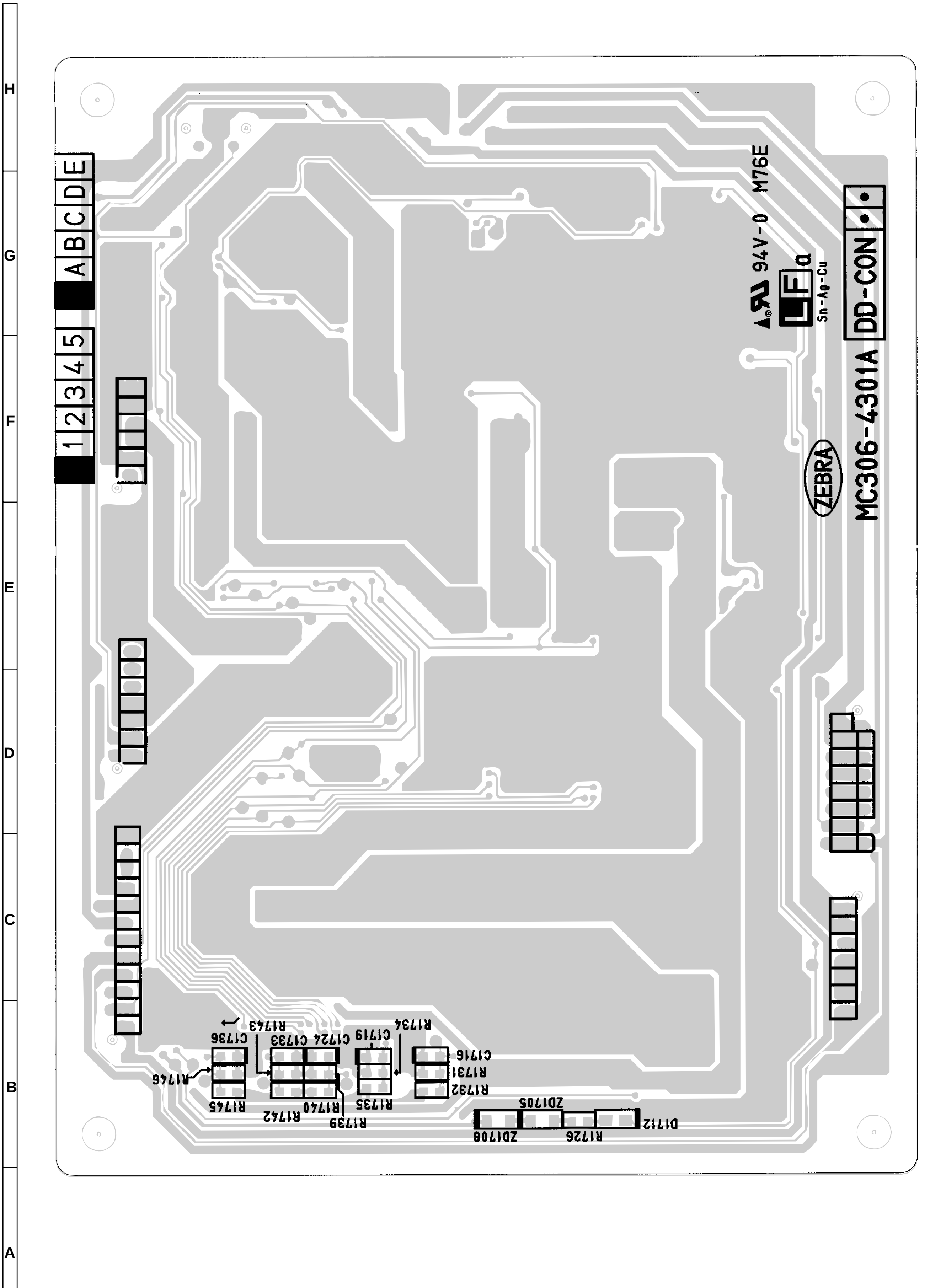
R966
R967
R968
R970
R971
R972
R974
R976
R977
R978
R979
R987
R988
R989
G1791
G1792
G1793
G1794
SKDK

POWER Unit (Component Side)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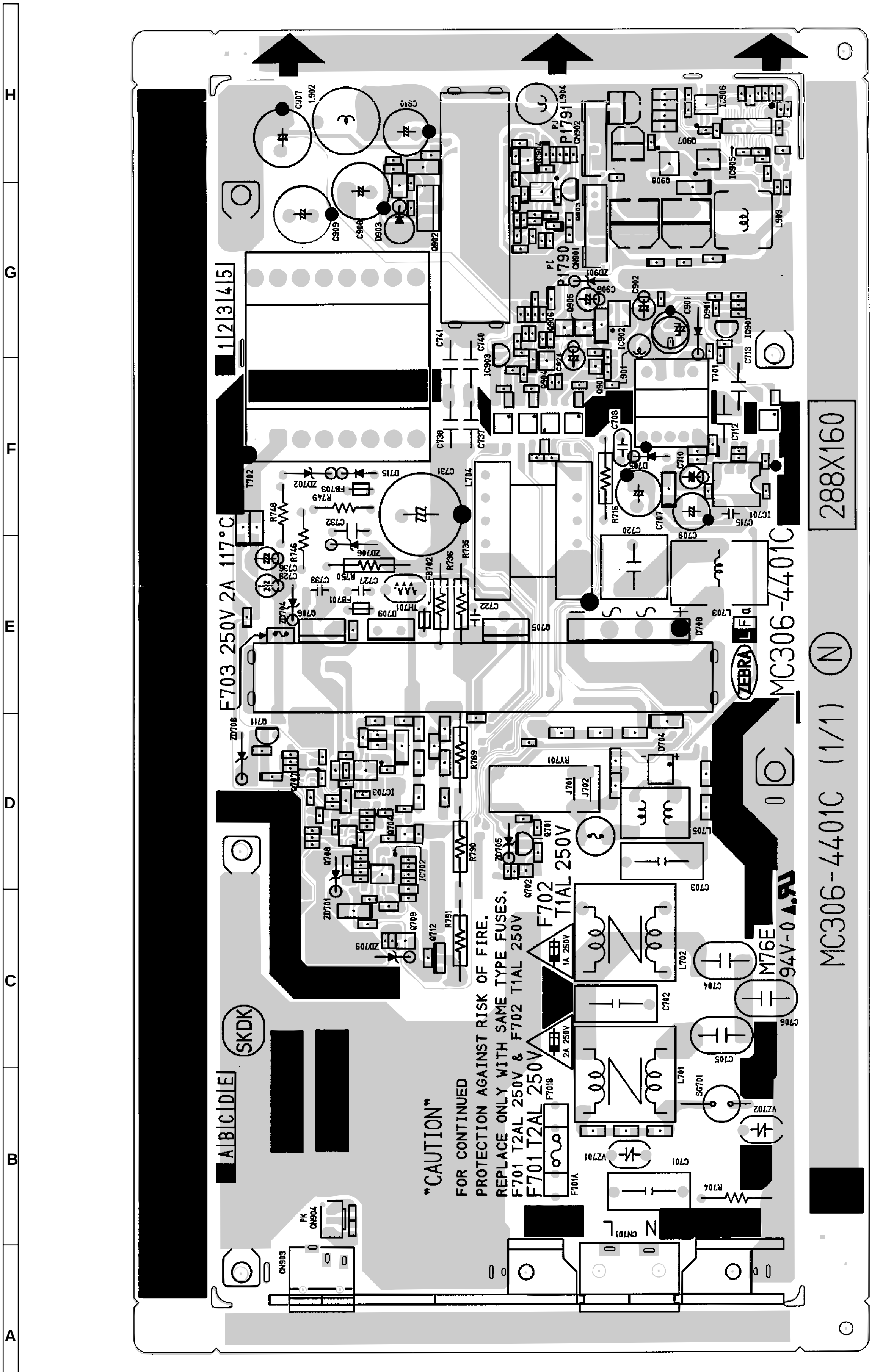
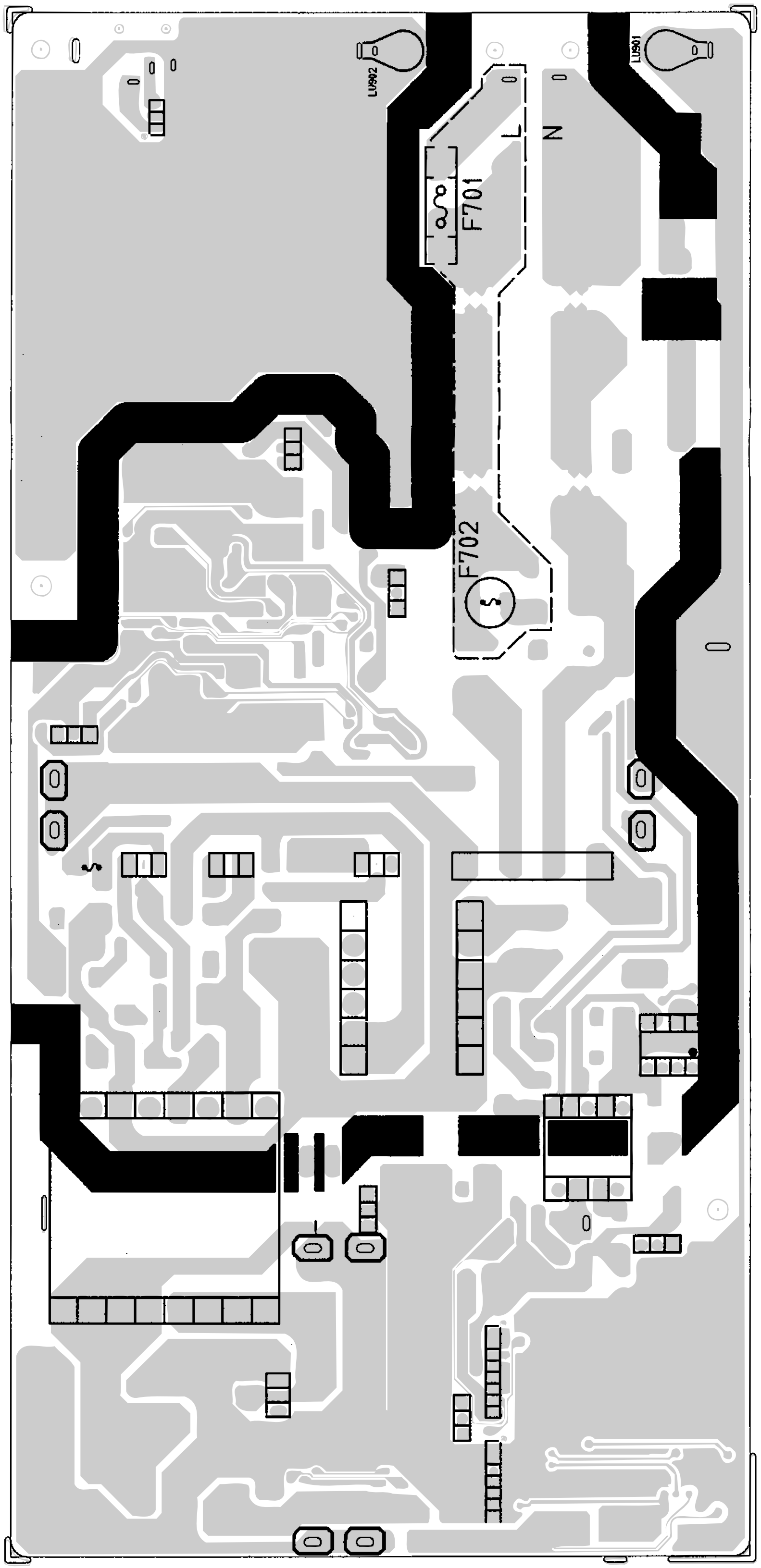
G
F
E
D
C
B
A
1
2
3
4
5
6
A
B
C
D
E
1
2
3
4
5
M76E
94V-0
LF
Sn-Ag-Cu
DD-CON
MC306-4301A
ZEBRA
C1736
R1743
C1733
C1724
C1719
R1734
C1716
R1731
R1732
R1746
R1745
R1742
R1740
R1735
R1739
ZD1705
D1712
ZD1708
R1726

POWER Unit (Chip Parts Side)

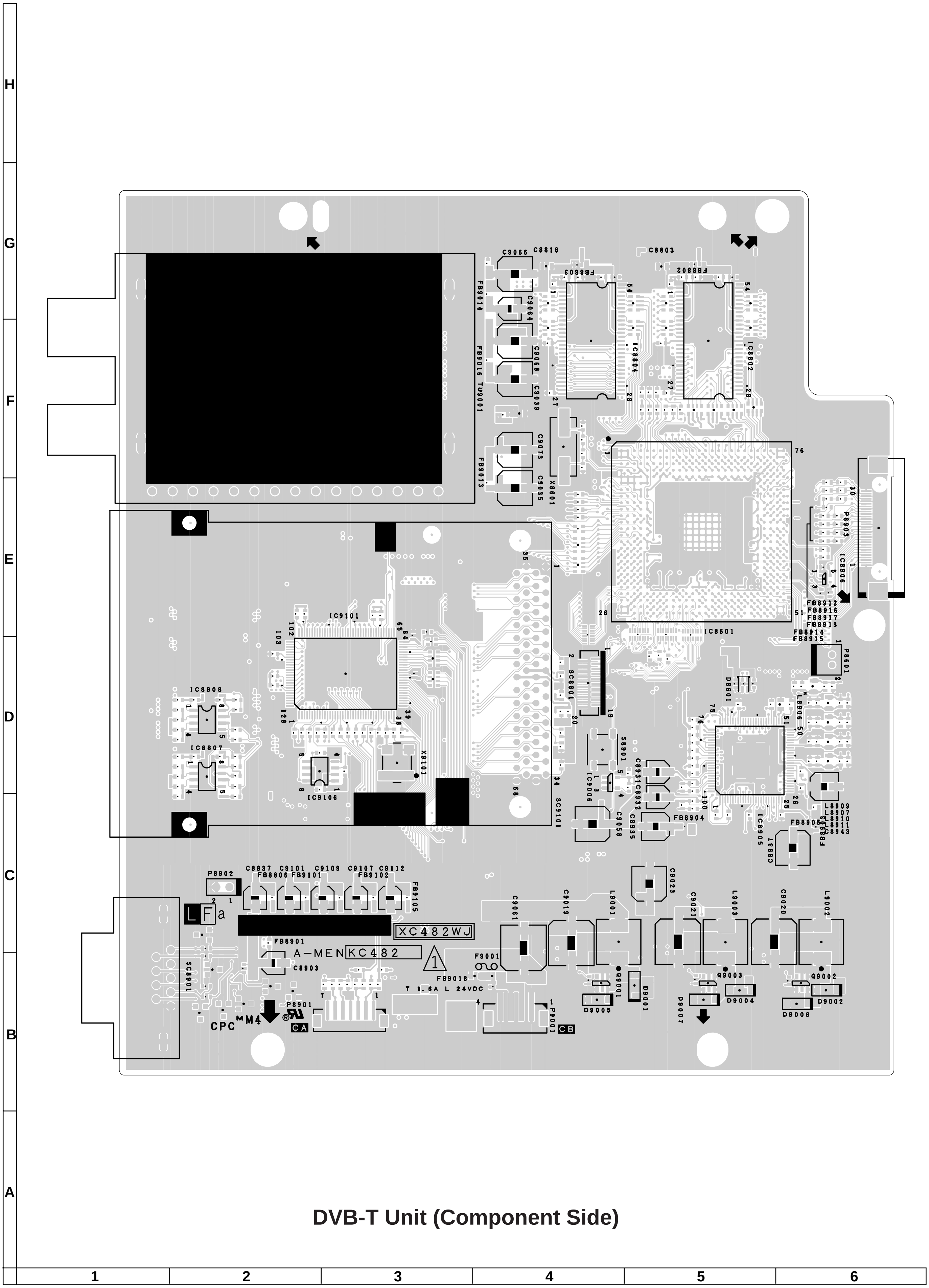

H
G
F
E
D
C
B
A
"CAUTION"
FOR CONTINUED
PROTECTION AGAINST RISK OF FIRE,
REPLACE ONLY WITH SAME TYPE FUSES.
F701 T2AL 250V & F702 T1AL 250V
F703 250V 2A 117°C
F702 T1AL 250V
F701 T2AL 250V
MC306-4401C
MC306-4401C (1/1)
288X160
ZEBRA
SKDK
M76E
94V-0
A|B|C|D|E
1|2|3|4|5
T702
T701
L701
L702
L703
L704
L705
C731
C703
C704
C705
C706
C707
C709
C720
IC701
IC702
IC703
IC901
IC902
IC903
CN701
CN901
CN902
CN903
CN904
P1790
P1791
RY701
R704
R789
R790
R791
J701
J702
L903
C907
C908
C909
L902
D903
Q902
SG701
VZ701
VZ702
L N

DC/DC CONVERTER Unit (Component Side)

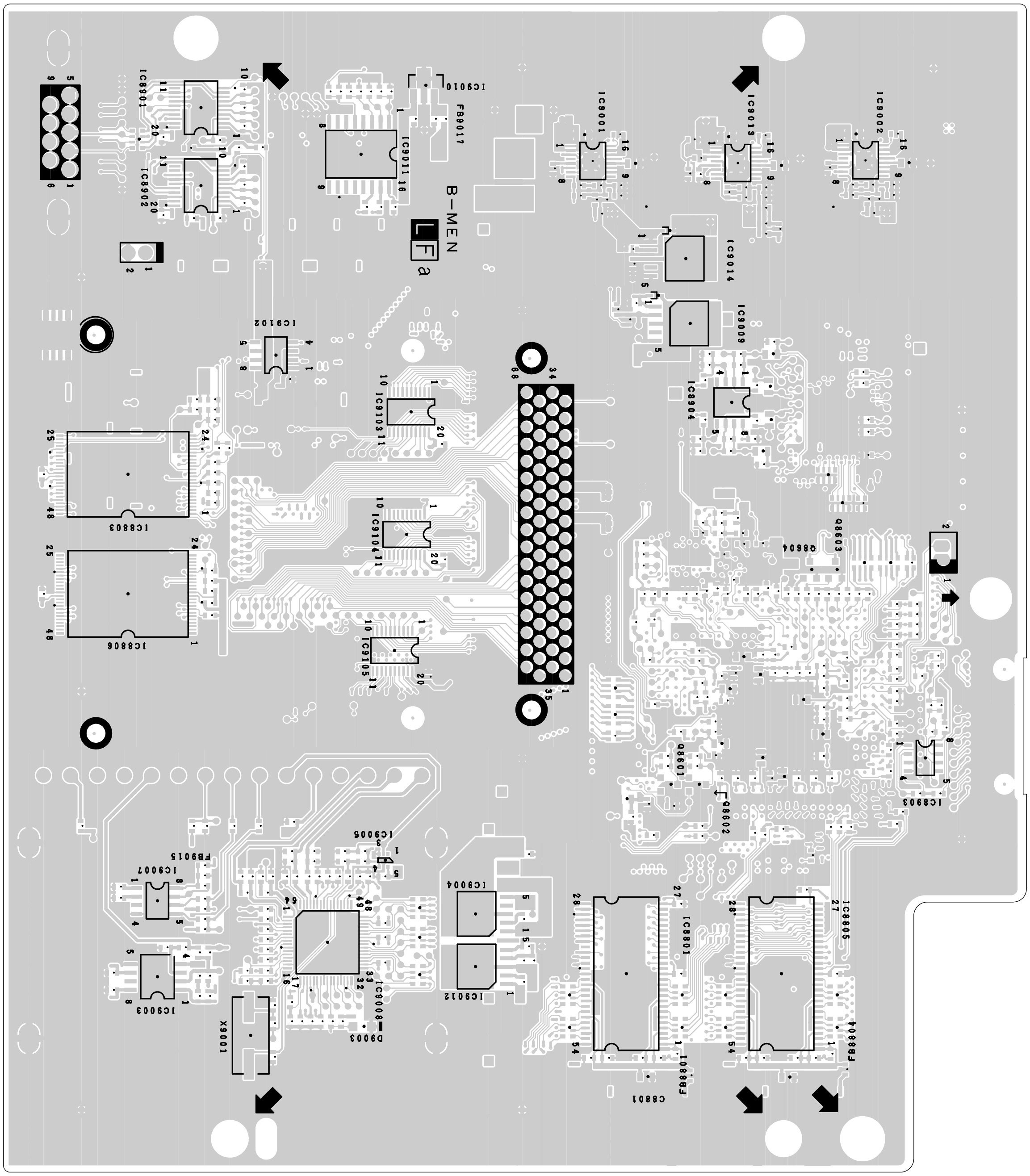
1	2	3	4	5	6


LU902
LU901
L
N
F701
F702
H
G
F
E
D
C
B
A
1
2
3
4
5
6

DC/DC CONVERTER Unit (Chip Parts Side)


H
G
F
E
D
C
B
A
1
2
3
4
5
6
C9066
C8818
C8803
FB8803
FB8802
FB9014
C9064
IC8804
IC8802
FB9016
TU9001
C9068
C9039
C9073
C9035
FB9013
X8601
IC8601
76
51
26
1
P8903
IC8906
FB8912
FB8916
FB8917
FB8913
FB8914
FB8915
P8601
D8601
SC8801
IC9101
102
103
65
64
128
38
39
X9101
IC9106
IC8808
IC8807
SC9101
S8901
C8931
C8932
IC9006
C9058
C8935
FB8904
IC8905
L8906
L8909
L8907
L8910
L8911
C8943
FB8905
C8837
P8902
C8837
C9101
C9109
C9107
C9112
FB8806
FB9101
FB9102
FB9105
C9023
C9061
C9019
L9001
C9021
L9003
C9020
L9002
XC482WJ
A–MEN
KC482
FB8901
C8903
SC8901
F9001
FB9018
T 1.6A L 24VDC
Q9001
D9001
D9005
Q9003
D9007
D9004
Q9002
D9002
D9006
P8901
P9001
CPC
CA
CB

DVB-T Unit (Component Side)


H
G
F
E
D
C
B
A
1
2
3
4
5
6
IC8901
IC8902
IC9010
FB9017
IC9011
B-MEN
IC9001
IC9013
IC9002
IC9014
IC9009
IC9102
IC9103
IC9104
IC9105
IC8803
IC8806
IC8904
Q8603
Q8604
IC8903
Q8601
Q8602
IC9005
FB9015
IC9007
IC9003
X9001
IC9008
D9003
IC9004
IC9012
IC8801
IC8805
FB8804
FB8801
C8801

DVB-T Unit (Chip Parts)

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual; electrical components having such features are identified by ⚠ and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which dose no have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

HOW TO ORDER REPLACEMENT PARTS

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

★ MARK: SPARE PARTS-DELIVERY SECTION

Ref. No.	Part No.	★	Description	Code

PRINTED WIRING BOARD ASSEMBLIES
(NOT REPLACEMENT ITEM)

TU-32GD1E

Part No.	★	Description	Code
DUNTKC267FE14	–	DVI Unit	—
DUNTKC427FE14	–	CPU Unit	—
DUNTKC480DE01	–	AV Unit (TU-32GD1E)	—
DUNTKC480DE02	–	AV Unit (TU-32GD1K)	—
DUNTKC480DE03	–	AV Unit (TU-32GD1F)	—
DUNTKC480DE04	–	AV Unit TU-32GD1I)	—
DUNTKC481FE01	–	MAIN Unit (TU-32GD1E)	—
DUNTKC481FE02	–	MAIN Unit (TU-32GD1K)	—
DUNTKC481FE03	–	MAIN Unit (TU-32GD1F)	—
DUNTKC481FE04	–	MAIN Unit (TU-32GD1I)	—
DUNTKC482FE01	–	DVB-T Unit	—
DUNTKC483DE01	–	FRONT Unit	—
DUNTKC484DE01	–	AUDIO IF Unit	—
DUNTKC526DE01	–	TMDS Unit (TU-32GD1E)	—
DUNTKC526DE02	–	TMDS Unit (TU-32GD1K)	—
DUNTKC526DE03	–	TMDS Unit (TU-32GD1F)	—
DUNTKC526DE04	–	TMDS Unit (TU-32GD1I)	—
DUNTKC544FE01	–	PC CARD Unit	—
RDENCA076WJZZ	–	POWER Unit	—
RDENCA084WJZZ	–	DC/DC CONVERTER Unit	—
B2SX4102BT	J	1BIT AMP. Unit	BL

TU-37GD1E

Part No.	★	Description	Code
DUNTKC267FE14	–	DVI Unit	—
DUNTKC427FE14	–	CPU Unit	—
DUNTKC480DE05	–	AV Unit (TU-37GD1E)	—
DUNTKC480DE06	–	AV Unit (TU-37GD1K)	—
DUNTKC480DE07	–	AV Unit (TU-37GD1F)	—
DUNTKC480DE08	–	AV Unit (TU-37GD1I)	—
DUNTKC481FE05	–	MAIN Unit (TU-37GD1E)	—
DUNTKC481FE06	–	MAIN Unit (TU-37GD1K)	—
DUNTKC481FE07	–	MAIN Unit (TU-37GD1F)	—
DUNTKC481FE08	–	MAIN Unit (TU-37GD1I)	—
DUNTKC482FE01	–	DVB-T Unit	—
DUNTKC483DE01	–	FRONT Unit	—
DUNTKC484DE01	–	AUDIO IF Unit	—
DUNTKC526DE05	–	TMDS Unit (TU-37GD1E)	—
DUNTKC526DE06	–	TMDS Unit (TU-37GD1K)	—
DUNTKC526DE07	–	TMDS Unit (TU-37GD1F)	—
DUNTKC526DE08	–	TMDS Unit (TU-37GD1I)	—
DUNTKC544FE01	–	PC CARD Unit	—
RDENCA076WJZZ	–	POWER Unit	—
RDENCA084WJZZ	–	DC/DC CONVERTER Unit	—
B2SX4102BT	J	1BIT AMP. Unit	BL

DUNTKC267FE14
DVI UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC1900	VHISII907++-1Q	J	SII907BCQG52	BG
IC1901	VHIAD8185++-1Y	J	AD8185ARU	AW
IC1902	VHILM2664++-1Y	J	LM2664M6X	AK
IC1903	VHIVHCT125A-1Y	J	TC74VHCT125AFT	AE
IC1904	VHINC7WZ14P-1Y	J	NC7WZ14P6X	AD
IC1911	VHI24LC2BIN3ES	J	24LC02B-I/SN	AK
IC1914	VHIM62320FP-1Y	J	M62320FP	AH
IC1915	VHI24LC21//+14ES	J	24LC21T-I/SN	AK
IC1916	VHIPQ1R33//-1Y	J	PQ1R33	AE
IC1917	VHIPCA9559+-1Y	J	PCA9559PW	AN
IC1918	VHITC4053BT-1Y	J	TC4053BFT	AG
IC1919	VHIPQ20WZ11-1Y	J	PQ20WZ1U	AF

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q1900	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1901	VS2SK536///-1Y	J	2SK536	AE
Q1902	VS2SK536///-1Y	J	2SK536	AE
Q1905	VS2SK536///-1Y	J	2SK536	AE
Q1906	VS2SK536///-1Y	J	2SK536	AE
Q1907	VSIMD2A////-1Y	J	IMD2A	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D1900	VHDMA3120WA-1Y	J	MA3120WA	AD
D1901	VHDMA3120WA-1Y	J	MA3120WA	AD
D1902	VHDMA3120WA-1Y	J	MA3120WA	AD
D1903	RH-EX1247CEZZY	J	Zener Diode, 5.6V	AB
D1904	RH-EX1247CEZZY	J	Zener Diode, 5.6V	AB
D1905	VHDHSU119//-1Y	J	HSU119	AB
D1906	VHDDAN202K/-1Y	J	DAN202K	AB
D1907	RH-EX1250CEZZY	J	Zener Diode, 6.2V	AB
D1908	RH-EX1250CEZZY	J	Zener Diode, 6.2V	AB
D1913	VHD1SS355//-1Y	J	1SS355	AB
D1914	VHD1SS355//-1Y	J	1SS355	AB
D1915	VHD1SS355//-1Y	J	1SS355	AB

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C1900	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1901	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1902	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1903	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1904	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1905	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1906	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1907	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1908	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1909	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1910	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1911	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1912	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1913	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1914	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1915	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1916	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1917	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1918	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1919	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1920	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1921	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1922	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1923	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1924	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1925	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1926	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1927	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C1928	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1929	RC-KZA074WJZZY	J	4.7	16V	Ceramic	AC
C1930	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1931	RC-KZA074WJZZY	J	4.7	16V	Ceramic	AC
C1932	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1933	RC-KZA074WJZZY	J	4.7	16V	Ceramic	AC
C1934	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1935	VCEASX1CN226MY	J	22	16V	Electrolytic	AC

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DVI UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
C1936	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1937	RC-KZA083WJZZY	J	10 16V Ceramic	AC
C1938	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1939	VCCCCY1HH220JY	J	22p 50V Ceramic	AA
C1940	RC-KZA083WJZZY	J	10 16 Ceramic	AC
C1941	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1942	VCCCCY1HH220JY	J	22p 50V Ceramic	AA
C1943	RC-KZA083WJZZY	J	10 16V Ceramic	AC
C1944	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1945	VCCCCY1HH220JY	J	22p 50V Ceramic	AA
C1946	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1947	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1948	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1949	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1950	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1951	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1952	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1953	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1954	VCEASX1CN226MY	J	22 16V Electrolytic	AC
C1955	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C1956	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C1957	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C1958	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C1959	VCEASX1CN226MY	J	22 16V Electrolytic	AC
C1960	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1961	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1962	VCEASX1CN226MY	J	22 16V Electrolytic	AC
C1963	VCCCCY1HH470JY	J	47p 50V Ceramic	AA
C1964	VCCCCY1HH470JY	J	47p 50V Ceramic	AA
C1975	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1976	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C1977	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1980	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C1981	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C1982	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C1983	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C1993	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1994	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2911	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2913	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C2914	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2915	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2916	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2918	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C2919	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2920	VCEASY1CN226MY	J	22 16V Electrolytic	AC
C2921	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R1900	VRS-CY1JF391FY	J	390 1/16W Metal Oxide	AA
R1901	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1902	VRS-CA1JF220JY	J	22 1/16W Metal Oxide	AA
R1903	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1904	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1905	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1906	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1907	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1908	VRS-CY1JF181FY	J	180 1/16W Metal Oxide	AA
R1909	VRS-TQ2BD750JY	J	75 1/8W Metal Oxide	AA
R1910	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1911	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1912	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1913	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1914	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1915	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1916	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1917	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1918	VRS-TQ2BD820JY	J	82 1/8W Metal Oxide	AA
R1919	VRS-TQ2BD820JY	J	82 1/8W Metal Oxide	AA
R1920	VRS-TQ2BD820JY	J	82 1/8W Metal Oxide	AA
R1921	VRS-CY1JF203JY	J	20k 1/16W Metal Oxide	AA
R1922	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1923	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1924	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1925	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1926	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1927	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1928	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1929	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1930	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1931	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1932	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1933	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1939	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1945	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1946	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1947	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1948	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1949	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1950	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1951	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1952	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1953	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1954	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1955	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1956	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1957	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1958	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1959	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1960	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1961	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1969	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1970	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1981	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1983	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1984	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1985	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1986	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1987	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1988	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1989	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1992	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1993	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1994	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1995	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1996	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1998	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1999	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2900	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2901	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2904	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2905	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2906	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2907	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2908	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2913	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2916	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2917	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2918	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2919	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2920	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2921	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2922	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R2923	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2925	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2926	VRS-CY1JF511FY	J	510 1/16W Metal Oxide	AA
R2927	VRS-CY1JF202FY	J	2k 1/16W Metal Oxide	AA
R2945	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB1900	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1901	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1902	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1903	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1904	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1905	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1906	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1907	RBLN-0060TAZZY	J	Ferrite Bead	AB

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DVI UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
FB1908	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1909	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1910	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1911	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB1912	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1913	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1915	RBLN-0060TAZZY	J	Ferrite Bead	AB
J1900	QJAKJ0066CEZZ	J	Jack, 3Pin	AE
P1900	QPLGN1064TAZZY	J	Plug, 10Pin(MD)	AF
P1901	QPLGN0573FJZZY	J	Plug, 11Pin(ME)	AE
P1902	QPLGN0464TAZZY	J	Plug, 4Pin(AD)	AC
SC1900	QSOCZA065WJZZ	J	Socket, 34pin	AH
	LANGTA116WJN1	J	Fixing Metal	AL
	LHLDWA035WJZZ	J	Holder	AC
	XJPSN30P08XS0	J	Screw	AA
	PSLDMA328WJFW	J	Shield	AF

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CPU UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC8101	RH-IXA817WJZZQ	J	HD6417706F133V	BC
IC8201	RH-IXA948WJZZQ	J	LC4128V-75T100	AW
IC8301	RH-IXA995WJZZQ	J	K4S281632E-TC7	AZ
IC8302	RH-IXB048WJZZQ	J	LHF64FA3	
IC8303	RH-IXA995WJZZQ	J	K4S281632E-TC7	AZ
IC8304	RH-IXA873WJZZY	J	PCA9564PW,118	AS
IC8305	RH-IXA873WJZZY	J	PCA9564PW,118	AS
IC8401	VHITC6384AF-2Q	J	TC6384AF-0001	AX
IC8501	VHI7WH126FU-1Y	J	TC7WH126FU	AE
IC8502	VHIPQ1CZ41H-1Y	J	PQ1CZ41H2ZP	AG
IC8503	VHIPQ070XZ1-1Y	J	PQ070XZ01ZP	AF
IC8504	VHIMLC157DT-1Y	J	MC74LCX157DTR2	AE
IC8505	VHIPQ1X331M-1Y	J	PQ1X331M2ZP	AD

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q8301	VSRT1N141U/-1Y	J	RT1N141U	AB
Q8302	VS2SA1362GR-1Y	J	2SA1362GR	AC
Q8401	VSRTQ035P02-1Y	J	RTQ035P02	AD
Q8501	VS2SK536///-1Y	J	2SK536	AE
Q8502	VS2SK536///-1Y	J	2SK536	AE

DIODES

Ref. No.	Part No.	★	Description	Code
D8101	RH-PXA018WJZZY	J	GM1HD55200A	AC
D8102	RH-PXA018WJZZY	J	GM1HD55200A	AC
D8301	VHD1SS355//-1Y	J	1SS355	AB
D8501	VHDFS1J3///-1Y	J	FS1J3	AD

PACKAGED CIRCUIT

Ref. No.	Part No.	★	Description	Code
X8102	RCRSCA045WJZZY	J	Crystal	AG

COIL

Ref. No.	Part No.	★	Description	Code
L8501	RCILPA158WJZZY	J	Coil	AE

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C8103	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8104	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8105	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8106	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8107	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8108	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8109	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8110	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8111	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8112	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8113	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8114	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8115	VCCCCY1HH330JY	J	33p 50V Ceramic	AA
C8116	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8117	VCCCCY1HH471JY	J	470p 50V Ceramic	AA
C8118	VCCCCY1HH471JY	J	470p 50V Ceramic	AA
C8119	VCCCCY1HH270JY	J	27p 50V Ceramic	AA
C8120	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8121	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8122	RC-KZA067WJZZY	J	4.7 10V Ceramic	AB
C8123	RC-KZA067WJZZY	J	4.7 10V Ceramic	AB
C8201	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8202	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8203	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8204	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8205	RC-KZA067WJZZY	J	4.7 10V Ceramic	AB
C8301	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8302	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8303	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8304	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8305	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8306	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8307	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8308	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8309	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8310	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8311	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8312	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8313	RC-KZA067WJZZY	J	4.7 10V Ceramic	AB
C8401	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8402	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8403	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8404	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8405	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8406	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8407	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8408	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8411	RC-KZA067WJZZY	J	4.7 10V Ceramic	AB
C8501	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C8502	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8503	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8504	RC-KZA076WJZZY	J	4.7 16V Ceramic	AC
C8505	VCAAPF1AJ566MY	J	56 10V Electrolytic	AE
C8506	VCKYCY1CB223KY	J	0.022 16V Ceramic	AB
C8507	VCKYCY1HB471KY	J	470p 50V Ceramic	AA
C8508	VCKYCY1AB105KY	J	1 10V Ceramic	AB
C8509	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C8510	RC-KZA067WJZZY	J	4.7 10V Ceramic	AB
C8511	VCKYCY1AB105KY	J	1 10V Ceramic	AB
C8512	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C8516	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R8101	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8102	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8103	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8104	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8105	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8106	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8107	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8108	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8109	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8110	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8111	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8112	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8113	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8114	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8115	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8116	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8117	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8119	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8120	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA

DUNTKC427FE14
CPU UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R8122	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8124	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8126	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8128	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8133	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8134	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8137	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8139	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8141	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8142	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8145	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8147	VRS-CY1JF106JY	J	10M 1/16W Metal Oxide	AA
R8148	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8149	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8150	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R8151	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R8152	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8154	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8156	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8157	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8159	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8160	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8161	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8162	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8163	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8164	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8165	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8166	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8167	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8170	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8172	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8173	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8179	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8180	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R8181	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R8182	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8183	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R8201	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8202	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8203	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8204	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8205	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8206	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8207	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8208	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8209	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8210	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8211	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8212	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8213	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8214	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8215	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8216	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8217	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8218	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8219	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8220	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8221	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8222	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8223	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8224	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8225	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8226	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8227	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8228	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8229	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8230	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8231	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8232	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8233	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8234	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8235	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
R8236	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8302	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8303	VRS-TV1JD222JY	J	2.2k 1/16W Metal Oxide	AA
R8304	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R8305	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8306	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8307	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8308	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8309	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8310	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8311	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8312	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8313	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8314	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8315	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8316	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8317	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8318	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8319	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8320	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8321	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8323	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8324	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8401	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8402	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8403	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8404	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8405	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8406	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8407	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8408	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8409	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8410	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8411	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8412	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8413	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8414	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8415	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8416	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8417	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8418	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R8419	VRS-CY1JF563JY	J	56k 1/16W Metal Oxide	AA
R8420	VRS-CY1JF563JY	J	56k 1/16W Metal Oxide	AA
R8421	VRS-CH1JF563JY	J	56k 1/16W Metal Oxide	AA
R8422	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R8423	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R8424	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8425	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8501	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R8502	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8503	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R8504	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8505	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8506	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R8507	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R8508	VRS-CY1JF563JY	J	56k 1/16W Metal Oxide	AA
R8509	VRS-CY1JF153FY	J	15k 1/16W Metal Oxide	AA
R8510	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8511	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R8512	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R8513	VRS-CY1JF752FY	J	7.5k 1/16W Metal Oxide	AA
R8514	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8515	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8516	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8523	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8524	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8529	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8531	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8534	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8535	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8536	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8537	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8538	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R8539	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8541	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R8542	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA

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CPU UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R8543	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R8544	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R8545	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8546	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8547	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8548	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB8101	RBLN-0237TAZZY	J	Ferrite Bead	AB
FB8102	RBLN-0237TAZZY	J	Ferrite Bead	AB
FB8103	RBLN-0237TAZZY	J	Ferrite Bead	AB
FB8201	RBLN-0237TAZZY	J	Ferrite Bead	AB
FB8301	RBLN-0237TAZZY	J	Ferrite Bead	AB
FB8401	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB8501	RBLN-0209TAZZY	J	Ferrite Bead	AB
FB8502	RBLN-0254TAZZY	J	Ferrite Bead	AB
P8201	QPLGN0056CEZZY	J	Plug	AD
P8501	QPLGN0541FJZZY	J	Plug	AD
P8502	QPLGN0546FJZZY	J	Plug	AE
P8503	QPLGN0060CEZZY	J	Plug	AE
P8504	QPLGN0569FJZZY	J	Plug	AE
P8505	QCNCMA159WJZZQ	J	Connector	AM
P8506	QPLGN0567FJZZY	J	Plug	AD
SC8401	QSOCZA050WJZZY	J	Socket	AH

DUNTKC480DE01-08
AV UNIT

TUNER

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

Ref. No.	Part No.	★	Description	Code
⚠ TU1101	VTUATMQZ2-404	J	VHF Tuner	BE

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC1102	VHIM62320FP-1Y	J	M62320FP	AH
IC1103	VHIBA05SFP+-1Y	J	BA05SFP-E2	AG
IC1104	VHIMM1506XN-1Y	J	MM1506XNRE	AD
IC1106	VHIBA7655AF-1Y	J	BA7655AF	AG
IC1108	VHIM62332FP-1Y	J	M62332FP	AL
IC1109	VHPGP1FH5TZ-1	J	PhotoDiode	AP
IC1601	VHISDA5550M-1Q	J	SDA5550M	AZ
IC1602	RH-IXA134WJN5Q	J	MBM29DL400TC90	AQ
IC1603	VHI62S8308X-1Q	J	A62S8308X-70SI	AY
IC1604	VHIMM1501XN-1Y	J	MM1501XNRE	AE
IC1605	VHI7WH157FK-1Y	J	TC7WH157FK	AF
IC1606	VHIBA033FP/-1Y	J	BA033FP-E2	AG
IC1607	VHIPST9121N-1Y	J	IC-PST9121NR	AE
IC1608	VHILVC157T+-1Y	J	SN74LVC157APWR	AF
IC1609	VHILVC04AT+-1Y	J	SN74LVC04APWR	AE
IC1611	VHIPST9128N-1Y	J	IC-PST9128NR	AE
IC1612	VHITC7SH08U-1Y	J	TC7SH08FU	AF
IC1613	VHIBA025FP+-1Y	J	BA25BC0FP-E2	AG
IC1614	VHITC7SZ08U-1Y	J	TC7SZ08FU	AE
IC1615	VHI74LVX86T-1Y	J	TC74LVX86FT	AF
IC1616	VHINC7SZ58P-1Y	J	NC7SZ58P6X	AE
IC2500	VHINJU26106-1Q	J	NJU26106FR1	AT
IC2501	VHIMSP3450G-1Q	J	MSP3450G-QG-B8	BC
IC2502	VHIBH3544F+-1Y	J	BH3544F-E2	AE
IC2503	VHIBD4742G+-1Y	J	BD4742G-TR	AD
IC2504	VHINJM4565M-1Y	J	NJM4565M	AE
IC2505	VHINJM4565M-1Y	J	NJM4565M	AE
IC2506	VHINJM4565M-1Y	J	NJM4565M	AE
IC2507	VHILVX125FT-1Y	J	TC74LVX125FT	AG
IC2508	RH-IXA899WJN1Y	J	AT24C64AN-10SI	AL
IC2509	VHIM62320FP-1Y	J	M62320FP	AH
IC2510	VHINJU26150-1Q	J	NJU26150FR1	AV
IC2511	VHIAK4353++-1Y	J	AK4353VF	AR
IC2512	VHIN2885D03-1Y	J	NJM2885DL103TE	AE
IC2513	RH-IXA167WJZZY	J	PQ025EZ01ZZ	AL
IC2514	VHIAK4586VQ-1Q	J	AK4586VQ	AY
IC2515	VHIAK5381VT-1Y	J	AK5381VT	AR
IC2516	VHINJM4565M-1Y	J	NJM4565M	AE
IC2517	VHILVX125FT-1Y	J	TC74LVX125FT	AG
IC2518	VHIT7SET08U-1Y	J	TC7SET08FU	AD
IC3800	VHIMM1501XN-1Y	J	MM1501XNRE	AE
IC3801	VHICXA2069Q-1	J	CXA2069Q	AR
IC3802	VHINJM4565M-1Y	J	NJM4565M	AE
IC3803	VHIBA05SFP+-1Y	J	BA05SFP-E2	AG
IC3804	VHIPQ20WZ51-1Y	J	PQ20WZ5U	AF
IC3805	VHIMM1519XQ-1Q	J	MM1519XQ	AW
IC3806	VHIPCA9516P-1Y	J	PCA9516PW,118	AQ
IC3807	VHI7WH126FU-1Y	J	TC7WH126FU	AE
IC3808	VHIM62320FP-1Y	J	M62320FP	AH
IC3809	VHIM62320FP-1Y	J	M62320FP	AH
IC3810	VHIT7WH123U-1Y	J	TC7WH123FU	AD
IC3811	VHIT7SET08U-1Y	J	TC7SET08FU	AD
IC5701	VHIBA09SFP+-1Y	J	BA09SFP	AG
IC5702	VHIBA08SFP+-1Y	J	BA08SFP-E2	AG
IC5703	VHIPQ20WZ11-1Y	J	PQ20WZ1U	AF
IC5705	VHIBA033FP/-1Y	J	BA033FP-E2	AG
IC5706	VHIPQ05DZ1U-1Y	J	PQ05DZ1U	AG
IC5707	VHIPQ20WZ11-1Y	J	PQ20WZ1U	AF

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q1101	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1102	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1103	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1104	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1105	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1106	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1107	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1108	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1109	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1110	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1111	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1112	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1113	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1114	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1115	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1116	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1117	VSDTC314TK/-1Y	J	DTC314TK	AC
Q1118	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1119	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1120	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1121	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1122	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1124	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1125	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1126	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1127	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1128	VSDTA144EE/-1Y	J	DTA144EE	AA
Q1129	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1130	VSDTA144EE/-1Y	J	DTA144EE	AA
Q1133	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1134	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1135	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1601	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1602	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1604	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1605	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1606	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1607	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1608	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1609	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1610	VS2SA1530AR-0AR AB			
Q1611	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1612	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q2501	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2503	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2504	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2505	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2506	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q2509	VSDTA144EE/-1Y	J	DTA144EE	AA
Q2510	VSDTC144EE/-1Y	J	DTC144EE	AA

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Ref. No.	Part No.	★	Description	Code
Q2513	VSDTA144EE/-1Y	J	DTA144EE	AA
Q2514	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3800	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3801	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3802	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3803	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3804	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3805	VSDTC314TK/-1Y	J	DTC314TK	AC
Q3806	VSDTC314TK/-1Y	J	DTC314TK	AC
Q3807	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3808	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q3809	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3810	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3812	VSDTC114EE/-1Y	J	DTC114EE	AB
Q3813	VSDTC144EE/-1Y	J	DTC144EE	AA
Q3814	VSDTC144EE/-1Y	J	DTC144EE	AA
Q3815	VSDTC144EE/-1Y	J	DTC144EE	AA
Q5701	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q5706	VSDTC114EE/-1Y	J	DTC114EE	AB
Q5707	VS2SC3928AR-1Y	J	2SC3928AR	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D1102	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D1105	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D1107	VHD1SS355//-1Y	J	1SS355	AB
D1114	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D1119	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D1122	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D1128	RH-EX0207CEZZY	J	Zener Diode, 13V	AB
D1130	RH-EXA093WJZZY	J	Zener Diode, 13V	AB
D1131	RH-EXA093WJZZY	J	Zener Diode, 13V	AB
D1132	RH-EXA093WJZZY	J	Zener Diode, 13V	AB
D1133	RH-EXA093WJZZY	J	Zener Diode, 13V	AB
D1134	VHDHSU119//-1Y	J	HSU119	AB
D1135	VHDHSU119//-1Y	J	HSU119	AB
D1136	VHDHSU119//-1Y	J	HSU119	AB
D1137	RH-EX1250CEZZY	J	Zener Diode, 6.2V	AB
D1602	VHDHSU119//-1Y	J	HSU119	AB
D2500	VHD1SS355//-1Y	J	1SS355	AB
D2501	VHDDAN222//-1Y	J	DAN222	AA
D2502	VHDDAN222//-1Y	J	DAN222	AA
D2503	VHD1SS355//-1Y	J	1SS355	AB
D2504	VHD1SS355//-1Y	J	1SS355	AB
D2505	VHD1SS355//-1Y	J	1SS355	AB
D2506	VHD1SS355//-1Y	J	1SS355	AB
D2507	VHD1SS355//-1Y	J	1SS355	AB
D2508	VHD1SS355//-1Y	J	1SS355	AB
D2509	VHD1SS355//-1Y	J	1SS355	AB
D2510	VHD1SS355//-1Y	J	1SS355	AB
D3800	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3801	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3802	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3803	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3804	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3805	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3806	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3807	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3808	VHDRB521S30-1Y	J	RB521S30	AC
D3809	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3810	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3811	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3812	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3813	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3814	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3815	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3817	VHD1SS355//-1Y	J	1SS355	AB
D3818	VHD1SS355//-1Y	J	1SS355	AB
D3819	VHD1SS355//-1Y	J	1SS355	AB
D3820	VHD1SS355//-1Y	J	1SS355	AB
D3821	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3822	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3823	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3824	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3825	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3826	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D3827	VHDHSU119//-1Y	J	HSU119	AB
D3828	VHDHSU119//-1Y	J	HSU119	AB
D3829	VHDHSU119//-1Y	J	HSU119	AB
D3831	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D5701	VHDHSU119//-1Y	J	HSU119	AB
D5702	VHDDAN222//-1Y	J	DAN222	AA
D5715	VHD1SS355//-1Y	J	1SS355	AB
D5716	VHDHSU119//-1Y	J	HSU119	AB

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X1601	RCRSCA002WJZZY	J	Crystal	AG
X2500	RCRSCA015WJZZY	J	Crystal	AH
X2501	RCRSB0250GEZZ+	J	Crystal	AG
X2502	RCRSCA015WJZZY	J	Crystal	AH
X2503	RCRSCA045WJZZY	J	Crystal	AG

COIL AND TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
FL1105	RFILN0017TAZZY	J	Filter	AC
FL1106	RFILN0017TAZZY	J	Filter	AC
FL1107	RFILN0017TAZZY	J	Filter	AC
FL1108	RFILN0017TAZZY	J	Filter	AC
FL1109	RFILN0017TAZZY	J	Filter	AC
FL1112	RFILN0017TAZZY	J	Filter	AC
FL1113	RFILN0017TAZZY	J	Filter	AC
FL1114	RFILN0017TAZZY	J	Filter	AC
FL1118	RFILN0017TAZZY	J	Filter	AC
FL1119	RFILN0017TAZZY	J	Filter	AC
FL1120	RFILN0017TAZZY	J	Filter	AC
FL1121	RFILN0017TAZZY	J	Filter	AC
FL1122	RFILN0017TAZZY	J	Filter	AC
FL1124	RFILN0017TAZZY	J	Filter	AC
FL1125	RFILN0017TAZZY	J	Filter	AC
FL1127	RFILN0017TAZZY	J	Filter	AC
FL1128	RFILN0017TAZZY	J	Filter	AC
L1101	VPD9M4R7J1R4NY	J	Peaking 4.7µH	AB
L1102	VPD9M2R7J1R0NY	J	Peaking 2.7µH	AC
L1103	VPD9M4R7J1R4NY	J	Peaking 4.7µH	AB
L1104	VPD9M3R3J1R2NY	J	Peaking 3.3µH	AB
L1105	VPD9M5R6J1R6NY	J	Peaking 5.6µH	AB
L1106	VPD9M3R3J1R2NY	J	Peaking 3.3µH	AB
L1107	VPD9M4R7J1R4NY	J	Peaking 4.7µH	AB
L1108	VPD9M4R7J1R4NY	J	Peaking 4.7µH	AB
L1109	VPD9M4R7J1R4NY	J	Peaking 4.7µH	AB
L1110	VPD9M4R7MR53NY	J	Peaking 4.7µH	AB
L1111	VPD9M100J1R7NY	J	Peaking 10µH	AC
L1601	VPD9M270J3R2NY	J	Peaking 27µH	AB
L3800	VPCNN100J1R6NY	J	Peaking 10µH	AB
L3801	VPD9M4R7J1R4NY	J	Peaking 4.7µH	AB
L3802	VPD9M4R7J1R4NY	J	Peaking 4.7µH	AB

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C1101	VCCCTV1HH101JY	J	100p	50V	Ceramic	AA
C1102	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C1103	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C1104	VCCCCY1HH221JY	J	220p	50V	Ceramic	AA
C1105	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1106	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1107	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1108	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C1109	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C1110	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1111	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C1112	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1113	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1114	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1115	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C1116	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C1117	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1118	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1119	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1120	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1121	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1122	VCKYTV1CB105KY	J	1	16V	Ceramic	AC

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Ref. No.	Part No.	★	Description			Code
C1123	VCCCTV1HH101JY	J	100p	50V	Ceramic	AA
C1124	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C1125	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C1126	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C1127	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1128	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1129	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1130	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C1131	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C1132	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1133	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1134	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1135	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C1136	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1137	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C1138	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C1139	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1140	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1141	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1142	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1143	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1144	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1145	VCCCTV1HH101JY	J	100p	50V	Ceramic	AA
C1146	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C1147	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C1148	VCKYCY1HB221KY	J	220p	50V	Ceramic	AA
C1149	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1150	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1151	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1152	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C1153	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C1154	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1155	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C1156	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1157	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1158	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1159	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C1160	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C1161	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1162	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C1163	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1164	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1165	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1166	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1167	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C1168	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C1169	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C1170	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1171	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1172	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C1173	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1174	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1175	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1176	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1177	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C1178	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1179	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1180	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C1181	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1182	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1183	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C1184	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C1185	VCCCCY1HH681JY	J	680p	50V	Ceramic	AB
C1187	VCCCCY1HH121JY	J	120p	50V	Ceramic	AA
C1188	VCCCCY1HH820JY	J	82p	50V	Ceramic	AA
C1189	VCCCCY1HH180JY	J	18p	50V	Ceramic	AA
C1190	VCCCCY1HH151JY	J	150p	50V	Ceramic	AA
C1191	VCCCCY1HH121JY	J	120p	50V	Ceramic	AA
C1192	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1193	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1194	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1195	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1196	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1197	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C1198	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C1199	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C1200	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1201	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1202	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1203	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1204	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1205	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1206	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1207	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C1208	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C1209	VCEASX1HN105MY	J	1	50V	Electrolytic	AB
C1210	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C1211	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C1212	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1213	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1214	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1215	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1216	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C1217	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1218	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1219	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1220	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1221	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1222	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1224	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1225	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1230	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1231	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1232	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1233	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C1234	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1235	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C1237	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1238	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1239	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1240	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1241	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1242	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C1243	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C1601	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1602	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1603	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1604	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1605	VCE9PV0JN226MY	J	22	6.3V	Elect.(N,P)	AD
C1606	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1607	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C1608	VCKYCY1AF105ZY	J	1	10V	Ceramic	AC
C1609	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB
C1610	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1611	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1612	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1613	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C1614	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1616	VCCCCY1HH181JY	J	180p	50V	Ceramic	AA
C1617	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1618	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1619	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1621	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1622	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1623	VCE9PV0JN226MY	J	22	6.3V	Elect.(N,P)	AD
C1624	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1625	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1626	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1627	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C1628	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1629	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1630	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1631	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1632	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1633	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C1634	VCCCCY1HH180JY	J	18p	50V	Ceramic	AA
C1635	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1636	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

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Ref. No.	Part No.	★	Description			Code
C1637	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1638	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1639	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1640	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1641	VCEASX0JN227MY	J	220	6.3V	Electrolytic	AC
C1642	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1644	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1645	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1646	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1647	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB
C1648	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1649	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1650	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1652	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1653	VCEASX0JN227MY	J	220	6.3V	Electrolytic	AC
C1654	VCEASX0JN227MY	J	220	6.3V	Electrolytic	AC
C2500	VCCCCY1HH8R0DY	J	8.0p	50V	Ceramic	AA
C2501	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2502	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C2503	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C2504	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2505	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C2506	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2507	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C2508	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2509	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C2510	VCCCCY1HH331JY	J	330p	50V	Ceramic	AA
C2511	VCCCCY1HH331JY	J	330p	50V	Ceramic	AA
C2512	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C2513	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C2514	VCCCCY1HH8R0DY	J	8.0p	50V	Ceramic	AA
C2515	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2516	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2517	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2518	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2519	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C2520	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C2521	VCEASX1HN335MY	J	3.3	50V	Electrolytic	AB
C2522	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2523	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2524	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2525	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2526	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2527	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2528	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2529	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C2530	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C2531	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C2532	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C2533	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2534	VCCCCY1HH5R0CY	J	5.0p	50V	Ceramic	AA
C2535	VCCCCY1HH6R0DY	J	6.0p	50V	Ceramic	AA
C2536	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C2537	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2538	VCEASY1CN337MY	J	330	16V	Electrolytic	AD
C2539	VCEASY1CN337MY	J	330	16V	Electrolytic	AD
C2540	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2541	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2542	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2543	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2544	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2545	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2546	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2547	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C2548	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2549	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2551	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2552	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2553	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2554	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2555	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2560	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2561	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2562	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2563	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2564	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2571	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2572	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2573	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2576	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2577	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2578	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2579	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2580	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2581	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2582	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2583	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2584	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C2585	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C2586	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2587	VCEASY1CN476MY	J	47	16V	Electrolytic	AC
C2588	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2589	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2590	VCCCCY1HH470JY	J	47p	50V	Ceramic	AA
C2591	VCCCCY1HH8R0DY	J	8.0p	50V	Ceramic	AA
C2592	VCCCCY1HH8R0DY	J	8.0p	50V	Ceramic	AA
C2593	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2594	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2595	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2596	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2597	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C2598	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2599	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2600	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C2601	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2602	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2603	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2604	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2605	VCEASY1CN476MY	J	47	16V	Electrolytic	AC
C2606	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2607	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2608	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2609	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2610	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2611	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C2612	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2613	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2614	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2615	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C2616	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2617	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2618	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2619	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2620	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C2621	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C2622	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2623	VCCCCY1HH270JY	J	27p	50V	Ceramic	AA
C2624	VCCCCY1HH270JY	J	27p	50V	Ceramic	AA
C2625	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2626	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2627	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2628	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2629	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2630	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2631	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2632	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2633	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2634	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2635	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2636	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2637	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2638	VCEASX1HN225MY	J	2.2	50V	Electrolytic	AB
C2639	VCKYTV1CF225ZY	J	2.2	16V	Ceramic	AB
C2640	VCKYTV1CF225ZY	J	2.2	16V	Ceramic	AB
C2641	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C2642	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2643	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C2644	VCKYTV1CB105KY	J	1	16V	Ceramic	AC

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AV UNIT(Continued)

Ref. No.	Part No.	★	Description			Code
C2645	VCEASX1HN225MY	J	2.2	50V	Electrolytic	AB
C2646	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2647	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2648	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2649	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2650	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2651	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2652	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2653	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2654	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C2655	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2656	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2657	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C2658	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C2659	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2660	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2661	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2662	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2663	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2664	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2665	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C2666	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3800	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3801	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C3802	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C3803	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C3804	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3805	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C3806	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3807	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C3808	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3809	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C3810	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C3811	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3812	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3813	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C3814	VCCCCY1HH471JY	J	470p	50V	Ceramic	AA
C3815	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3816	RC-KZA083WJZZY	J	10	16V	Ceramic	AC
C3817	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3818	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3819	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C3820	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C3821	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C3822	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3823	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3824	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C3825	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3826	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3827	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C3828	VCKYCY1HB471KY	J	470p	50V	Ceramic	AA
C3829	RC-KZA073WJZZY	J	10	16V	Ceramic	AD
C3830	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3831	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3832	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3834	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3835	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3836	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3837	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3838	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3839	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3840	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3841	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C3842	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3843	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3844	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3845	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3846	VCEASX1CN107MY	J	100	16V	Electrolytic	AC
C3847	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3848	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3849	VCEASX1EN336MY	J	33	25V	Electrolytic	AC
C3850	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA

Ref. No.	Part No.	★	Description			Code
C3851	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3852	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C3853	RC-KZ0075TAZZY	J	2.2	16V	Ceramic	AC
C3854	RC-KZA076WJZZY	J	4.7	16V	Ceramic	AC
C3855	RC-KZA076WJZZY	J	4.7	16V	Ceramic	AC
C3856	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3861	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C3862	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3863	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C3864	VCEASX0JN227MY	J	220	6.3V	Electrolytic	AC
C3865	VCEASX1EN336MY	J	33	25V	Electrolytic	AC
C3866	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3867	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3868	RC-KZ0117TAZZY	J	4.7	6.3V	Ceramic	AD
C3869	VCKYCY1HF223ZY	J	0.022	50V	Ceramic	AB
C3870	VCKYCY1HF223ZY	J	0.022	50V	Ceramic	AB
C3871	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C3872	VCEASY1EN227MY	J	220	25V	Electrolytic	AD
C3873	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3876	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3878	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C3879	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3880	VCKYCY1AB105KY	J	1	10V	Ceramic	AB
C3881	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3882	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C3883	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3884	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C3885	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3886	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3887	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C3888	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3889	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3890	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3891	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3892	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5701	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5702	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5703	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5704	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5705	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5706	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5708	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5709	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5710	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5711	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5712	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5717	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5721	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5722	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C5723	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5724	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5726	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5727	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5729	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5730	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5731	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5732	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5733	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5734	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5735	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5736	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5738	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C5739	VCEASY1CN107MY	J	100	16V	Electrolytic	AC

RESISTOR

Ref. No.	Part No.	★	Description			Code
R1101	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1103	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1104	VRS-TW2ED750JY	J	75	1/4W	Metal Oxide	AA
R1105	VRS-TW2ED4R7JY	J	4.7	1/4W	Metal Oxide	AB
R1106	VRS-TW2ED750JY	J	75	1/4W	Metal Oxide	AA
R1108	VRS-CJ1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1109	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1110	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA
R1111	VRS-CJ1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1112	VRS-CJ1JF102JY	J	1k	1/16W	Metal Oxide	AA
R1113	VRS-CY1JF104JY	J	100k	1/16W	Metal Oxide	AA

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AV UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R1114	VRS-TW2ED680JY	J	68 1/4W Metal Oxide	AA
R1115	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1116	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1117	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1118	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1119	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R1120	VRS-CY1JF122JY	J	1.2k 1/16W Metal Oxide	AA
R1121	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R1122	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1123	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1124	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1125	VRS-TV1JD221JY	J	220 1/16W Metal Oxide	AA
R1126	VRS-TV1JD221JY	J	220 1/16W Metal Oxide	AA
R1127	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1128	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1129	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1130	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1131	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1132	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1133	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R1134	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1135	VRS-TW2ED4R7JY	J	4.7 1/4W Metal Oxide	AB
R1136	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1138	VRS-CJ1JF102JY	J	1k 1/16W Metal Oxide	AA
R1140	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1141	VRS-CJ1JF102JY	J	1k 1/16W Metal Oxide	AA
R1142	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1143	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1144	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1145	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1146	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1147	VRS-TW2ED331JY	J	330 1/4W Metal Oxide	AB
R1148	VRS-TW2ED680JY	J	68 1/4W Metal Oxide	AA
R1149	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1150	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1151	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1152	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1153	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1154	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1155	VRS-TV1JD221JY	J	220 1/16W Metal Oxide	AA
R1156	VRS-TV1JD221JY	J	220 1/16W Metal Oxide	AA
R1157	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1158	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1159	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1160	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1161	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1162	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1163	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1164	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R1165	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1166	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R1167	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1168	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1169	VRS-TV1JD104JY	J	100k 1/16W Metal Oxide	AA
R1170	VRS-TW2ED680JY	J	68 1/4W Metal Oxide	AA
R1171	VRS-TW2ED4R7JY	J	4.7 1/4W Metal Oxide	AB
R1172	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1173	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R1174	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1176	VRS-CJ1JF102JY	J	1k 1/16W Metal Oxide	AA
R1177	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1178	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1179	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1180	VRS-CJ1JF102JY	J	1k 1/16W Metal Oxide	AA
R1181	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1182	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1183	VRS-TW2ED331JY	J	330 1/4W Metal Oxide	AB
R1184	VRS-TW2ED680JY	J	68 1/4W Metal Oxide	AA
R1185	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1186	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1187	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1188	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1189	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1190	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1191	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1192	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1193	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1194	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1195	VRS-TV1JD221JY	J	220 1/16W Metal Oxide	AA
R1196	VRS-TV1JD221JY	J	220 1/16W Metal Oxide	AA
R1197	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1198	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1199	VRS-TW2ED331JY	J	330 1/4W Metal Oxide	AB
R1200	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1201	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1202	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1203	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1204	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R1205	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1206	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R1207	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1208	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1209	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1210	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1211	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1213	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1214	VRS-TW2ED561JY	J	560 1/4W Metal Oxide	AA
R1217	VRS-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R1218	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1219	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R1220	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R1221	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1222	VRS-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R1223	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1224	VRS-CY1JF564JY	J	560k 1/16W Metal Oxide	AA
R1225	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1226	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1227	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R1228	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1229	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1230	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1235	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R1236	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R1237	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1238	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1239	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1240	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1241	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1242	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R1243	VRS-CY1JF681JY	J	680 1/16W Metal Oxide	AA
R1244	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1245	VRS-CY1JF181JY	J	180 1/16W Metal Oxide	AA
R1246	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1247	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1248	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R1249	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1250	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R1251	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1252	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1253	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1254	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1255	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1256	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1257	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R1259	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1260	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1261	VRS-CY1JF122JY	J	1.2k 1/16W Metal Oxide	AA
R1262	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R1263	VRS-TQ2BD122JY	J	1.2k 1/8W Metal Oxide	AA
R1264	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1265	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1266	VRS-TQ2BD122JY	J	1.2k 1/8W Metal Oxide	AA
R1267	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1268	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1269	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1270	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1271	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R1272	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA

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AV UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R1273	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1274	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1275	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1277	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1278	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1279	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1281	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1282	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1283	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1284	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1285	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1286	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1287	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1288	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1289	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R1602	VRS-CY1JF202JY	J	2k 1/16W Metal Oxide	AA
R1603	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R1604	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R1605	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R1607	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1609	VRS-CY1JF681JY	J	680 1/16W Metal Oxide	AA
R1611	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1613	VRS-CY1JF132JY	J	1.3k 1/16W Metal Oxide	AG
R1616	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1617	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1618	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1620	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1621	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1622	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1623	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1624	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R1625	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R1626	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1627	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1628	VRS-CY1JF681JY	J	680 1/16W Metal Oxide	AA
R1629	VRS-CY1JF821JY	J	820 1/16W Metal Oxide	AA
R1630	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1634	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1635	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1636	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1640	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1641	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1642	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1643	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1645	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1648	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R1649	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1650	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R1651	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1652	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1653	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R1654	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R1655	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1656	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R1661	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1668	VRS-CH1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R1669	VRS-CH1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R1670	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R1671	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1672	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R1673	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1674	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R1675	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1683	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1684	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1685	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2500	VRS-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R2501	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R2502	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R2503	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2504	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2505	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2506	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2507	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2508	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2509	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2510	VRS-CY1JF392JY	J	3.9k 1/16W Metal Oxide	AA
R2511	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2512	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R2513	VRS-CJ1JF102JY	J	1k 1/16W Metal Oxide	AA
R2514	VRS-CJ1JF102JY	J	1k 1/16W Metal Oxide	AA
R2515	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2516	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2517	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2518	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2519	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2520	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2521	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2522	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2523	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R2524	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2525	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2526	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R2527	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2528	VRS-CJ1JF102JY	J	1k 1/16W Metal Oxide	AA
R2529	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2530	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2531	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2532	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2533	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2534	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2535	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2536	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2537	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2538	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2539	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2540	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2541	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2542	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2543	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2544	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2545	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R2546	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2547	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2548	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2549	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2550	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2551	VRS-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R2552	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R2553	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2554	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2556	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2557	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2558	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2559	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2560	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2561	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2562	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2563	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2564	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2565	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2566	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2567	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2568	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2569	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2570	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2571	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2572	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R2573	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2576	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2577	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2578	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2579	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2580	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2581	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2582	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2583	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2584	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA

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AV UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R2585	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2586	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R2587	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2588	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2589	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2590	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2591	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2592	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R2593	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2594	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2595	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2596	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2597	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2598	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2599	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2600	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2601	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2602	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2603	VRS-CY1JF5R1JY	J	5.1 1/16W Metal Oxide	AA
R2604	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2605	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2606	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2607	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2608	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2609	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2610	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2611	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2612	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2613	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2614	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2615	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2616	VRS-CY1JF4R7JY	J	4.7 1/16W Metal Oxide	AA
R2617	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2618	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2619	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2620	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2621	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2622	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2623	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2624	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R2625	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2626	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2627	VRS-CY1JF4R7JY	J	4.7 1/16W Metal Oxide	AA
R2628	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R2629	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R2632	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R2633	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R2634	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R2635	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R2636	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2637	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2638	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2639	VRS-CY1JF681JY	J	680 1/16W Metal Oxide	AA
R2640	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2641	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2642	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2643	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2644	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2645	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2646	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2647	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3800	VRS-CY1JF751JY	J	750 1/16W Metal Oxide	AA
R3801	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3802	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3803	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R3804	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3805	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3806	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3807	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3808	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3809	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3810	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3811	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3812	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3813	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3814	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3815	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3816	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3817	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3818	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3819	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3820	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3821	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3822	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3823	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3824	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3825	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3826	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3828	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3829	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3830	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3831	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3832	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3833	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3834	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3835	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3836	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3837	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R3838	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3839	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3840	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3841	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3842	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3843	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3844	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3845	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3846	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3847	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3848	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3849	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3850	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3851	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3852	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3853	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3854	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3855	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3856	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3857	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3858	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3859	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3860	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3861	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3862	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3863	VRS-CY1JF681JY	J	680 1/16W Metal Oxide	AA
R3864	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3865	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3866	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R3867	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3868	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3869	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3870	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3871	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R3872	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3873	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3874	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3875	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3876	VRS-TQ2BD102JY	J	1k 1/8W Metal Oxide	AA
R3877	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3878	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3879	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3881	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R3882	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3883	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3884	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3885	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R3886	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3887	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3888	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA

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AV UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R3889	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R3890	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R3891	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R3892	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R3893	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R3894	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3895	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R3896	VRS-CY1JF202FY	J	2k 1/16W Metal Oxide	AA
R3898	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3899	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3900	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3901	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3902	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3903	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R3904	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3905	VRS-CY1JF471FY	J	470 1/16W Metal Oxide	AA
R3906	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3907	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3908	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3909	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3910	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3911	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3912	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R3913	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R3914	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R3915	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R3916	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3917	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3918	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3919	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3920	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3923	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3924	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3925	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R3926	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R3927	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3933	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3934	VRS-TW2HF560JY	J	56 1/2W Metal Oxide	AA
R3935	VRS-TW2HF560JY	J	56 1/2W Metal Oxide	AA
R3937	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3938	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3939	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3940	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3941	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R3942	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide	AA
R3943	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R3944	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3945	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3946	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3947	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3948	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3949	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R3950	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R3951	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3957	VRS-CY1JF153JY	J	15k 1/16W Metal Oxide	AA
R3958	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3959	VRS-CY1JF821JY	J	820 1/16W Metal Oxide	AA
R3960	VRS-CY1JF821JY	J	820 1/16W Metal Oxide	AA
R3962	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5701	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5702	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5703	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5704	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5705	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5706	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5707	VRS-TW2ED100JY	J	10 1/4W Metal Oxide	AA
R5709	VRS-TW2ED100JY	J	10 1/4W Metal Oxide	AA
R5710	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R5711	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R5713	VRS-CY1JF393FY	J	39k 1/16W Metal Oxide	AA
R5714	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R5715	VRS-CY1JF182FY	J	1.8k 1/16W Metal Oxide	AA
R5717	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R5719	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5720	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R5721	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R5722	VRS-TW2ED100JY	J	10 1/4W Metal Oxide	AA
R5725	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5726	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5774	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5777	VRS-TW2ED100JY	J	10 1/4W Metal Oxide	AA
R5782	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5784	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5785	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5786	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
FB1101	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
FB1102	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
FB1103	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
FB1120	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB1104	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1105	RBLN-0077TAZZY	J	Ferrite Bead	AB
FB1106	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB1107	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB1108	RBLN-0077TAZZY	J	Ferrite Bead	AB
FB1109	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB1110	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1111	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1112	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB1113	RBLN-0077TAZZY	J	Ferrite Bead	AB
FB1114	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB1115	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1116	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1117	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1118	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB1119	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB1121	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB1122	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1123	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1124	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1131	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1132	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB1133	RBLN-0065CEZZY	J	Ferrite Bead	AC
FB1601	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1602	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1604	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1605	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1608	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1609	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB1610	RBLN-0063TAZZY	J	Ferrite Bead	AB
FB1611	RBLN-0063TAZZY	J	Ferrite Bead	AB
FB1612	RBLN-0063TAZZY	J	Ferrite Bead	AB
FB1613	RBLN-0063TAZZY	J	Ferrite Bead	AB
FB1616	RBLN-0063TAZZY	J	Ferrite Bead	AB
FB1617	RBLN-0063TAZZY	J	Ferrite Bead	AB
FB1619	RBLN-0063TAZZY	J	Ferrite Bead	AB
FB2500	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB2501	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2502	RBLN-0067TAZZY	J	Ferrite Bead	AC
FB2503	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB2504	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB2505	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2506	RBLN-0049TAZZY	J	Ferrite Bead	AA
FB3800	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB3801	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB3802	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB3803	RBLN-0049TAZZY	J	Ferrite Bead	AA
FB5701	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5702	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5703	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5704	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB5706	RBLN-0210TAZZY	J	Ferrite Bead	AB
J1101	QTANJA054WJZZ	J	Terminal, 13Pin	AK
J1102	QTANJA044WJZZ	J	Terminal, 2Pin	AD
P2501	QPLGN0574FJZZY	J	Plug, 12Pin(PC)	AE
P3800	QPLGN0567FJZZY	J	Plug, 5Pin(SF)	AD
P3801	QPLGNA238WJZZY	J	Plug, 15Pin(SA)	AE

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AV UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
P3802	QPLGNA239WJZZY	J	Plug, 42Pin(MA)	AH
P3804	QPLGNA170WJZZ	J	Plug, 30Pin(AF)	AD
P3805	QPLGN0566FJZZY	J	Plug, 4Pin(AD)	AD
P3806	QPLGN0578GEZZ	J	Plug, 5Pin	AB
P3807	QPLGNA046WJZZ	J	Plug, 7Pin(SJ)	AC
P5703	QPLGNA051WJZZ	J	Plug,12Pin(PA)	AB
P5706	QPLGN0378GEZZ	J	Plug, 3Pin	AB
P5707	QPLGN0378GEZZ	J	Plug, 3Pin	AB
RY3800	RRLYDA004WJZZ	J	Relay	AN
SC1101	QSOCZ2160CEZZ	J	Socket, 25Pin	AE
SC1102	QSOCZ2161CEZZ	J	Socket, 44Pin	AH
SC3802	QSOCN0493FJZZY	J	Socket, 45Pin(FC)	AG
TP1163	QLUGP0110TAFWY	J	Lug	AB
	LANGTA131WJNZ	J	Fixing Metal	AT
	PSPANA004WJZZ	J	Spacer	AC
	XJPSN30P08XS0	J	Screw	AA

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MAIN UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC401	VHISM5302AS-1Y	J	I.C.	AP
IC402	VHICXD3802B-1Q	J	CXD3802BQ	BE
IC403	RH-IXA312WJN1Q	J	MT48LC2M32B2TG	AX
IC404	VHISI3025LA-1Y	J	SI-3025LSA-TL	AF
IC501	VHISI3025LA-1Y	J	SI-3025LSA-TL	AF
IC502	VHICXD2096Q-1Q	J	CXD2096Q	AZ
IC600	VHISM5313AS-1Y	J	SM5313AS-G-ET	AM
IC601	VHIVPC3230D1EQ	J	VPC3230D-QA-B3	BD
IC801	RH-IXB005WJZZY	J	EPCS1SI8N	AQ
IC802	RH-IXA835WJZZQ	J	EP1C4F400C8N	BC
IC1001	RH-IXB027WJZZQ	J	XC95144XL-10TQ	AU
IC1500	VHITLV1508P-1Y	J	TLV1508IPWR	AR
IC1501	VHIM62320FP-1Y	J	M62320FP	AH
IC1502	VHIM62393FP-1Y	J	M62393FP	AK
IC1504	VHITCVT244AFTY	J	TC74VHCT244AFT	AG
IC1505	VHITC7W08U/-1Y	J	TC7W08FU	AD
IC1506	VHILVX125FT-1Y	J	TC74LVX125FT	AG
IC1507	VHITC7W66U/-1Y	J	TC7W66FU	AE
IC1508	VHITC7W34U/-1Y	J	TC7W34FU	AE
IC1509	VHIM62320FP-1Y	J	M62320FP	AH
IC1511	VHIBD4729G+-1Y	J	BD4729G-TR	AD
IC1512	VHITC7W53U/-1Y	J	TC7W53FU	AF
IC1514	VHIPQ1R33//-1Y	J	PQ1R33	AE
IC1515	VHI7WH126FU-1Y	J	TC7WH126FU	AE
IC1801	VHIPQ20WZ11-1Y	J	PQ20WZ1U	AF
IC1802	VHIPQ070XH2-1Y	J	PQ070XH02ZP	AG
IC1803	VHIPQ070XH2-1Y	J	PQ070XH02ZP	AG
IC1804	VHIPQ20WZ11-1Y	J	PQ20WZ1U	AF
IC1805	VHIBD4729G+-1Y	J	BD4729G-TR	AD
IC1806	VHIPQ015YZ5-1Y	J	PQ015YZ5MZP	AF
IC2101	RH-IXA873WJZZY	J	PCA9564PW,118	AS
IC2102	VHIBR24L64F-1Y	J	BR24L64F-WE2	AK
IC3201	VHITLVD823+-1Q	J	THC63LVD823	AY
IC3202	VHIPQ1R33//-1Y	J	PQ1R33	AE
IC3300	RH-IXA091WJZZQ	J	MB87M1370TB-G	BX
IC3301	VHIP2042ATR-1Y	J	P2042A-08TR	AM
IC3400	RH-IXA312WJN1Q	J	MT48LC2M32B2TG	AX
IC3401	RH-IXA312WJN1Q	J	MT48LC2M32B2TG	AX
IC3402	RH-IXA312WJN1Q	J	MT48LC2M32B2TG	AX
IC3403	RH-IXA312WJN1Q	J	MT48LC2M32B2TG	AX
IC3700	VHICXA3506R-1Q	J	CXA3506R	BB
IC3701	VHIT7WBD125-1Y	J	TC7WBD125FK	AE
IC3702	VHIPQ1L333M-1Y	J	PQ1L333M2SP	AD
IC3704	VHITA1318AF1EY	J	TA1318AF	AS
IC3708	VHI7WH126FU-1Y	J	TC7WH126FU	AE
IC3709	VHIT7WH123U-1Y	J	TC7WH123FU	AD
IC7201	RH-IX1530CEZZY	J	TC74HC4052AFEL	AE
IC7202	VHIMHCT74MT-1Y	J	MM74HCT74MTCX	AD
IC7203	VHITVP5150A-1Y	J	TVP5150APBSR	AZ
IC7251	VHIPCA9516P-1Y	J	PCA9516PW,118	AQ
IC7252	VHIPCA9516P-1Y	J	PCA9516PW,118	AQ
IC7253	VHIDS90C386-1Y	J	DS90CF386MTDX	AP
IC7254	VHIDS90C385-1Y	J	DS90C385MTDX	AP

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q401	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q402	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q460	VS2SC3928AR-1Y	J	2SC3928AR	A
Q461	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q550	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q551	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q552	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q600	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q601	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q602	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q603	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q604	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q605	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q606	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q607	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q608	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q1500	VSDTA124EKA-1Y	J	DTA124EKA	AB
Q1501	VSDTC124EKA-1Y	J	DTA124EKA	AB
Q1502	VSDTA124EKA-1Y	J	DTA124EKA	AB
Q1503	VSDTC124EKA-1Y	J	DTA124EKA	AB
Q1504	VSDTA124EKA-1Y	J	DTA124EKA	AB
Q1505	VSDTC124EKA-1Y	J	DTA124EKA	AB
Q1506	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1507	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1508	VS2SB1132Q/-1Y	J	2SB1132Q	AC
Q1509	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1510	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q1512	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1513	VSDTC144EE/-1Y	J	DTC144EE	A
Q1514	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1515	VSDTC144EE/-1Y	J	DTC144EE	AA
Q1516	VSDTA124EKA-1Y	J	DTA124EKA	AB
Q1517	VSDTC124EKA-1Y	J	DTA124EKA	AB
Q1801	VS2SB1132Q/-1Y	J	2SB1132Q	AC
Q1802	VSDTC124EKA-1Y	J	DTC124EKA	AB
Q7201	VSDTC144EE/-1Y	J	DTC144EE	AA
Q7202	VSDTC144EE/-1Y	J	DTC144EE	AA
Q7203	VSDTC144EE/-1Y	J	DTC144EE	AA
Q7204	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q7207	VSDTC144EE/-1Y	J	DTC144EE	AA

DIODES

Ref. No.	Part No.	★	Description	Code
D801	RH-PXA018WJZZY	J	GM1HD55200A	AC
D1500	VHDDAN222//-1Y	J	DAN222	AA
D1501	VHD1SS355//-1Y	J	1SS355	AB
D1502	VHDDAN222//-1Y	J	DAN222	AA
D1503	VHD1SS355//-1Y	J	1SS355	AB
D1504	VHDDAN222//-1Y	J	DAN222	AA
D1505	VHD1SS355//-1Y	J	1SS355	AB
D3201	VHD1SS355//-1Y	J	1SS355	AB
D3701	VHDRB521S30-1Y	J	RB521S30	AC
D3702	VHD1SS355//-1Y	J	1SS355	AB

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
TH1501	VHHT1103J44-1Y	J	Thermistor	AC
X401	RCRSZA026WJZZY	J	Crystal	AK
X501	RCRUAA042WJZZY	J	Crystal	AM
X600	RCRSC0012CEZZY	J	Crystal	AH
X802	RCRSZA028WJZZY	J	Crystal	AH
X3300	RCRSZA025WJZZY	J	Crystal	AM
X3301	RCRSZA024WJZZY	J	Crystal	AK
X3302	RCRSZA023WJZZY	J	Crystal	AK
X3700	RFILA0034CEZZ	J	Filter	AD
X7201	RCRSB0222GEZZ	J	Crystal	AF

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MAIN UNIT(Continued)

COIL AND TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
FL3300	RFILNA036WJZZY	J	Filter	AC
FL3305	RFILNA036WJZZY	J	Filter	AC
L405	VPD9M100J1R7NY	J	Peaking 10µH	AC
L802	VPCEM220M1R7NY	J	Peaking 22µH	AC
L1500	VPD9M470J6R6NY	J	Peaking 47µH	AC
L3701	VPD9M3R3J1R2NY	J	Peaking 3.3µH	AB
L7251	VPD9M100J1R7NY	J	Peaking 10µH	AC
L7252	VPD9M100J1R7NY	J	Peaking 10µH	AC

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C401	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C402	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C403	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C404	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C405	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C406	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C407	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C408	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C409	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C410	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C411	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C412	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C413	VCEASX0JN107MY	J	100	6.3V	Electrolytic	AC
C414	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C415	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C416	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C417	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C418	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C419	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C420	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C421	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C422	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C423	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C424	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C425	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C426	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C427	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C428	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C429	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C430	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C431	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C432	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C433	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C434	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C435	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C436	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C437	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C438	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C439	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C440	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C441	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C442	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C443	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C444	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C445	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C446	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C447	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C448	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C449	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C450	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C451	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C452	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C455	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C456	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C457	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C458	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C459	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C460	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C461	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C462	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C463	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C464	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C465	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C466	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C467	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C470	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C471	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C472	VCCCCY1HH560JY	J	56p	50V	Ceramic	AB
C501	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C502	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C503	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C504	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C505	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C506	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C507	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C508	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C509	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C510	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C511	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C512	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C513	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C514	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C515	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C516	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C517	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C518	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C519	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C520	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C521	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C522	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C523	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C524	VCCCCY1HH331JY	J	330p	50V	Ceramic	AA
C525	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C526	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C527	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C528	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C529	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C530	VCCCCY1HH331JY	J	330p	50V	Ceramic	AA
C531	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C532	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C533	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C534	VCCCCY1HH331JY	J	330p	50V	Ceramic	AA
C535	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C536	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C537	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C538	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C539	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C540	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C541	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C542	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C543	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C544	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C545	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C550	VCCCCY1HH331JY	J	330p	50V	Ceramic	AA
C551	VCCCCY1HH331JY	J	330p	50V	Ceramic	AA
C552	VCCCCY1HH331JY	J	330p	50V	Ceramic	AA
C600	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C601	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C602	VCKYCY1AB105KY	J	1	10V	Ceramic	AB
C603	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C604	VCKYCY1AB105KY	J	1	10V	Ceramic	AB
C605	VCKYCY1AB105KY	J	1	10V	Ceramic	AB
C606	VCKYCY1AB105KY	J	1	10V	Ceramic	AB
C607	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C608	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C609	VCKYCY1AF684ZY	J	0.68	10V	Ceramic	AB
C610	VCKYCY1AF684ZY	J	0.68	10V	Ceramic	AB
C611	VCKYCY1AF684ZY	J	0.68	10V	Ceramic	AB
C612	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C613	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C614	VCKYCY1AF684ZY	J	0.68	10V	Ceramic	AB
C615	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C616	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C617	VCKYCY1HB152KY	J	1500p	50V	Ceramic	AA
C618	VCKYCY1AF684ZY	J	0.68	10V	Ceramic	AB
C619	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C620	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

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Ref. No.	Part No.	★	Description			Code
C621	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C622	VCKYCY1CB224KY	J	0.22	16V	Ceramic	AB
C623	VCCCCY1HH1R0CY	J	1.0p	50V	Ceramic	AA
C624	VCCCCY1HH1R0CY	J	1.0p	50V	Ceramic	AA
C625	VCKYCY1CB224KY	J	0.22	16V	Ceramic	AB
C626	VCKYCY1CB224KY	J	0.22	16V	Ceramic	AB
C627	VCKYCY1HB152KY	J	1500p	50V	Ceramic	AA
C628	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C629	VCKYCY1CB224KY	J	0.22	16V	Ceramic	AB
C630	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C631	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C632	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C633	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C634	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C635	VCKYCY1HB152KY	J	1500p	50V	Ceramic	AA
C636	VCKYCY1EF473ZY	J	0.047	25V	Ceramic	AA
C803	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C804	RC-KZA043WJZZY	J	10	6.3V	Ceramic	AC
C805	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C806	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C807	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C808	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C809	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C810	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C811	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C812	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C813	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C814	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C815	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C816	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C817	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C818	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C819	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C820	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C821	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C822	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C823	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C824	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C825	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C826	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C827	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C828	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C829	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C830	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C831	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C832	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C833	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C834	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C835	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C836	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1002	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1004	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1005	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1006	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1007	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1008	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1009	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1011	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1012	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1500	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1501	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C1502	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1503	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1504	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C1506	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1507	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1508	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C1509	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1510	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1511	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1512	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1513	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1514	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1515	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1516	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1517	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C1518	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1519	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1521	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1522	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1523	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C1801	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1802	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C1803	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1804	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1805	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1806	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1807	VCEASX1VN226MY	J	22	35V	Electrolytic	AC
C1808	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1809	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1810	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1811	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1813	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1814	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1815	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1816	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1817	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1818	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1819	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1820	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1823	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1824	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1825	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C1826	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1827	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1828	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C1829	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C1830	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2101	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2106	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3201	VCEASX1AN336MY	J	33	10V	Electrolytic	AC
C3202	VCEASX1AN336MY	J	33	10V	Electrolytic	AC
C3203	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3204	VCEASX1AN336MY	J	33	10V	Electrolytic	AC
C3205	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3206	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3207	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3208	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3209	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3210	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3211	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3212	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3213	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3214	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3215	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3216	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3217	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3301	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3303	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3305	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3306	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3307	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3308	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3309	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3310	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3311	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3312	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3314	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3316	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3318	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3320	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3321	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3322	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3323	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3324	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3325	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3326	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3327	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

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MAIN Unit (Continued)

Ref. No.	Part No.	★	Description			Code
C3328	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3329	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3330	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3331	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3332	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3333	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3334	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3335	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3336	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3339	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3340	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3342	VCKYTV1CF105ZY	J	1	16V	Ceramic	AB
C3343	VCCCCY1HH5R0CY	J	5.0p	50V	Ceramic	AA
C3344	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3400	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3401	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3402	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3403	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3404	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3405	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3406	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3407	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3408	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3409	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3410	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3412	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3413	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3414	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3415	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3416	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3417	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3418	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3419	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3420	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3421	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3422	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C3423	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3424	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3425	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3426	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3427	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3428	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3700	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3701	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3702	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3703	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C3704	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3705	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3706	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3707	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3708	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3709	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3710	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3711	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3712	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C3713	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3714	VCEASX0JN226MY	J	22	6.3V	Electrolytic	AB
C3715	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3716	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3717	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C3718	VCKYCY1AB334KY	J	0.33	10V	Ceramic	AB
C3719	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3720	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C3721	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3722	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3723	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3724	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3725	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3726	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3727	VCCCCY1HH470JY	J	47p	50V	Ceramic	AA
C3728	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3729	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3730	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3731	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3732	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3733	VCEASX0JN226MY	J	22	6.3V	Electrolytic	AB
C3734	VCAAPE0JJ107MY	J	100	6.3V	Electrolytic	AE
C3735	VCEASX0JN226MY	J	22	6.3V	Electrolytic	AB
C3736	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3737	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3743	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3744	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3745	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C3746	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3747	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C3748	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C3749	VCEASX0JN226MY	J	22	6.3V	Electrolytic	AB
C3750	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C3751	VCEASX0JN226MY	J	22	6.3V	Electrolytic	AB
C7201	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C7202	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C7203	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C7204	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C7205	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C7206	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C7207	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C7208	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C7209	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C7210	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C7211	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C7251	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7252	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7253	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7254	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7255	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7256	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C7257	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7258	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7259	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C7260	VCKYCY1CB103KY	J	0.01	16V	Ceramic	AA
C7261	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7262	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7263	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7264	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7265	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7266	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7267	RC-KZA041WJZZY	J	10	10V	Ceramic	AC
C7268	RC-KZA041WJZZY	J	10	10V	Ceramic	AC
C7269	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description			Code
R401	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R402	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R403	VRS-CY1JF222FY	J	2.2k	1/16W	Metal Oxide	AA
R404	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R405	VRS-CY1JF391JY	J	390	1/16W	Metal Oxide	AA
R406	VRS-CY1JF331JY	J	330	1/16W	Metal Oxide	AA
R407	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R408	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R409	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R410	VRS-CY1JF391JY	J	390	1/16W	Metal Oxide	AA
R411	VRS-CY1JF391JY	J	390	1/16W	Metal Oxide	AA
R412	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R414	VRS-CY1JF100JY	J	10	1/16W	Metal Oxide	AA
R417	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R418	VRS-CY1JF560JY	J	56	1/16W	Metal Oxide	AA
R419	VRS-CH1JF102JY	J	1k	1/16W	Metal Oxide	AA
R420	VRS-CH1JF102JY	J	1k	1/16W	Metal Oxide	AA
R421	VRS-CJ1JF680JY	J	68	1/16W	Metal Oxide	AA
R422	VRS-CY1JF101JY	J	100	1/16W	Metal Oxide	AA
R424	VRS-CH1JF470JY	J	47	1/16W	Metal Oxide	AA
R425	VRS-CH1JF470JY	J	47	1/16W	Metal Oxide	AA
R426	VRS-CH1JF470JY	J	47	1/16W	Metal Oxide	AA
R427	VRS-CH1JF470JY	J	47	1/16W	Metal Oxide	AA
R428	VRS-CY1JF470JY	J	47	1/16W	Metal Oxide	AA
R439	VRS-CY1JF102JY	J	1k	1/16W	Metal Oxide	AA
R442	VRS-CJ1JF470JY	J	47	1/16W	Metal Oxide	AA
R443	VRS-TV1JD000JY	J	0	1/16W	Metal Oxide	AA

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Ref. No.	Part No.	★	Description	Code
R450	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R451	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R452	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R460	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R461	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R462	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R463	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R502	VRS-CB1JF102JY	J	1k 1/16W Metal Oxide	AA
R503	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R504	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R505	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R506	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R507	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R508	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R509	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R510	VRK-CD1JJ100JY	J	10 1/16W Metal Composition	AC
R511	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R512	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R513	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R514	VRK-CD1JJ100JY	J	10 1/16W Metal Composition	AC
R515	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R516	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R517	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R551	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R552	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R553	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R600	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R601	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R602	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R603	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R604	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R605	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R606	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R607	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R608	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R609	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R610	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R611	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R612	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R613	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R614	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R615	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R616	VRS-CY1JF911JY	J	910 1/16W Metal Oxide	AB
R617	VRS-CY1JF911JY	J	910 1/16W Metal Oxide	AB
R618	VRS-CY1JF911JY	J	910 1/16W Metal Oxide	AB
R619	VRS-CY1JF911JY	J	910 1/16W Metal Oxide	AB
R620	VRS-CY1JF911JY	J	910 1/16W Metal Oxide	AB
R621	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R622	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R623	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R624	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R625	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R626	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R627	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R628	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R629	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R630	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R631	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R632	VRK-CD1JJ100JY	J	10 1/16W Metal Composition	AC
R634	VRK-CD1JJ100JY	J	10 1/16W Metal Composition	AC
R636	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R637	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R638	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R639	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R640	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R641	VRK-CD1JJ103JY	J	10k 1/16W Metal Composition	AC
R642	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R801	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R802	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R803	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R804	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R806	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R807	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R808	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R809	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R810	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R813	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R814	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R815	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R816	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R817	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R818	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R819	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R820	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R821	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R824	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R825	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R826	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R827	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R828	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R829	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R830	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R831	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R832	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R833	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R834	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R835	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R836	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R837	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R838	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R839	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R840	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R841	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R842	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R1001	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1002	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1003	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1004	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1005	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1006	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1007	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1008	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1009	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1010	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1011	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1012	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1013	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R1014	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1015	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1016	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1017	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1018	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1019	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1020	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1021	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1023	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1025	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R1026	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1028	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1029	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1030	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1031	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1032	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1033	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA

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MAIN UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R1034	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1049	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1073	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1074	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R1075	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1077	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1078	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1079	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1082	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1500	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1501	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1502	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1503	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1504	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1505	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1506	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1507	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1508	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1509	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1510	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1511	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1512	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1513	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1514	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1515	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1516	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1517	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1518	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R1519	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1520	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1521	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1522	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1523	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R1524	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1525	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1526	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1528	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1529	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1530	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1533	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R1534	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R1535	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1536	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1537	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1538	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1539	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1540	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1541	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1543	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1544	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R1545	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1546	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1547	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1548	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R1550	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1551	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1552	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R1553	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1554	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R1555	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1556	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1557	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R1559	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1560	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R1562	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1563	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R1564	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R1565	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1566	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1571	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1573	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R1574	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R1577	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1579	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1581	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1582	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1588	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1589	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R1590	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1592	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R1594	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1596	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R1597	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R1598	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R1658	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R1802	VRS-CY1JF122FY	J	1.2k 1/16W Metal Oxide	AA
R1803	VRS-CY1JF820FY	J	82 1/16W Metal Oxide	AA
R1804	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R1805	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1806	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R1807	VRS-CY1JF181FY	J	180 1/16W Metal Oxide	AA
R1808	VRS-CY1JF152FY	J	1.5k 1/16W Metal Oxide	AA
R1809	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1810	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R1811	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1812	VRS-CY1JF302FY	J	3k 1/16W Metal Oxide	AA
R1813	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1814	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R1815	VRS-CY1JF221FY	J	220 1/16W Metal Oxide	AA
R1816	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R1817	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1818	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1819	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1820	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R1821	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R1822	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R1823	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1825	VRS-CY1JF511FY	J	510 1/16W Metal Oxide	AA
R1826	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R1853	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R1854	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R1855	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R1856	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1857	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2101	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R2102	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R2103	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R2104	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R2105	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R2106	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R2107	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R2108	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R2109	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R2112	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R2115	VRK-CD1JJ470JY	J	47 1/16W Metal Composition	AC
R2116	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2117	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2118	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R2119	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R2120	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2121	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2123	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R2127	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R2129	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2148	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2149	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2150	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2153	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R2179	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2180	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2181	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2182	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2183	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3201	RR-TZ0073CEZZY	J	33	AA
R3202	RR-TZ0073CEZZY	J	33	AA
R3203	RR-TZ0073CEZZY	J	33	AA
R3204	RR-TZ0073CEZZY	J	33	AA

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MAIN UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R3205	RR-TZ0073CEZZY	J	33	AA
R3206	RR-TZ0073CEZZY	J	33	AA
R3207	RR-TZ0073CEZZY	J	33	AA
R3208	RR-TZ0073CEZZY	J	33	AA
R3209	RR-TZ0073CEZZY	J	33	AA
R3210	RR-TZ0073CEZZY	J	33	AA
R3211	RR-TZ0073CEZZY	J	33	AA
R3212	RR-TZ0073CEZZY	J	33	AA
R3213	RR-TZ0073CEZZY	J	33	AA
R3214	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3215	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3217	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3218	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R3220	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3300	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3303	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R3304	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R3305	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3306	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3307	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3308	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R3310	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3312	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3313	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3314	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R3315	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3316	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3317	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3320	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3321	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3323	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3324	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3326	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3327	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3328	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3329	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3330	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3331	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3332	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3334	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3400	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3401	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R3402	VRS-CY1JF181JY	J	180 1/16W Metal Oxide	AA
R3403	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3404	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3405	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3406	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3407	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3408	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3409	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3700	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R3701	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R3702	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R3703	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R3704	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R3705	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R3706	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R3707	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R3708	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R3709	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R3710	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R3711	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R3712	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R3714	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3715	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3716	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R3717	VRS-CY1JF302JY	J	3k 1/16W Metal Oxide	AA
R3718	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3719	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3720	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3721	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3722	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3723	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3724	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3725	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3726	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3727	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R3728	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3729	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3731	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3732	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3733	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R3734	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3736	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R3737	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R3738	VRS-CY1JF512JY	J	5.1k 1/16W Metal Oxide	AA
R3739	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R3741	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R3742	VRS-TW2ED2R2JY	J	2.2 1/4W Metal Oxide	AA
R3743	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3754	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R3767	VRS-TV1JD750JY	J	75 1/16W Metal Oxide	AA
R3768	VRS-TV1JD750JY	J	75 1/16W Metal Oxide	AA
R3769	VRS-TV1JD750JY	J	75 1/16W Metal Oxide	AA
R3770	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3771	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3772	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7201	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7202	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7203	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R7204	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7205	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R7206	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R7207	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7208	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R7209	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R7210	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7211	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7212	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R7213	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R7214	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R7215	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R7251	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7252	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R7253	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R7255	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R7256	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7257	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7258	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7259	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7262	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7263	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R7264	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7265	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R7266	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7267	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7269	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R7270	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R7273	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R7274	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R7275	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7280	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R7282	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R7283	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R7284	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7285	VRS-CY1JF680JY	J	68 1/16W Metal Oxide	AA
R7286	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7287	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7288	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7289	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7290	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7291	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB401	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB402	RBLN-0065CEZZY	J	Ferrite Bead	AC
FB403	RBLN-0051TAZZY	J	Ferrite Bead	AC

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MAIN UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
FB404	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB405	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB501	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB502	RBLN-0065CEZZY	J	Ferrite Bead	AC
FB503	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB504	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB600	RBLN-0051TAZZY	J	Ferrite Bead	AC
FB801	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB3202	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB3204	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB3206	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB3300	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB3301	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3302	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB3303	RBLN-0061TAZZY	J	Ferrite Bead	AD
FB3700	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3701	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3702	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB3703	RBLN-0081TAZZY	J	Ferrite Bead	AA
FB7251	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB7252	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB7253	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB7254	RBLN-0060TAZZY	J	Ferrite Bead	AB
P801	QPLGN0060CEZZY	J	Plug, 10Pin	AE
P1001	QPLGN0056CEZZY	J	Plug, 6Pin	AD
P1501	QPLGN0064CEZZY	J	Plug, 14Pin(SH)	AE
P1502	QPLGN0542FJZZY	J	Plug, 5Pin(TA)	AD
P1803	QCNCMA120WJZZY	J	CONNECTOR, 20Pin	AH
P3700	QPLGN0572FJZZY	J	Plug, 10Pin(MD)	AE
P7200	QPLGN0573FJZZY	J	Plug, 11Pin(ME)	AE
P7201	QPLGNA239WJZZY	J	Plug, 42Pin(MA)	AH
SC1500	QSOCN0532FJZZY	J	Socket, 12Pin(LP)	AD
SC2101	QCNCWA236WJZZQ	J	CONNECTOR, 30Pin	AG
SC2102	QCNCWA240WJZZQ	J	CONNECTOR, 80Pin	AL
SC3200	QSOCNA289WJZZY	J	Socket, 32Pin(LV)	AP
SC7200	QSOCN0493FJZZY	J	Socket, 45Pin(FC)	AG
SC7201	QSOCNA289WJZZY	J	Socket, 32Pin(FP)	AP

DUNTKC482FE01
DVB-T UNIT

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

TUNER

Ref. No.	Part No.	★	Description	Code
⚠ TU9001	RTUDTA010WJZZ	J	Tuner	BE

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC8601	VHIPNX8526+-1Q	J	PNX8526EH/M0,5	BT
IC8801	RH-IXA984WJZZQ	J	MT48LC8M16A2P-	AZ
IC8802	RH-IXA984WJZZQ	J	MT48LC8M16A2P-	AZ
IC8803	RH-IXA964WJZZQ	J	MBM29LV160BE70	AX
IC8804	RH-IXA984WJZZQ	J	MT48LC8M16A2P-	AZ
IC8805	RH-IXA984WJZZQ	J	MT48LC8M16A2P-	AZ
IC8806	RH-IXA965WJZZY	J	K9F2808U0C-PCB	AZ
IC8807	RH-IXA950WJN1Y	J	M24C64-WMN6	AK
IC8808	VHIM24C64WN-1Y	J	M24C64-WMN6T	AL
IC8903	VHITC7W04F/-1Y	J	TC7W04F	AD
IC8904	VHIBA4560F+-1Y	J	BA4560F-E2	AD
IC8905	VHIPNX8510+-1Q	J	PNX8510HW/B1,5	AZ
IC8906	VHISN1GU04C-1Y	J	SN74AHC1GU04DC	AD
IC9001	VHITPS54350-1Y	J	TPS54350PWPR	AN
IC9002	VHITPS54350-1Y	J	TPS54350PWPR	AN
IC9003	VHILM393A//-1Y	J	LM393APSR	AE
IC9004	VHIPQ05DZ1U-1Y	J	PQ05DZ1U	AG
IC9005	VHISN1GU04C-1Y	J	SN74AHC1GU04DC	AD
IC9006	VHIBD4730G+-1Y	J	BD4730G-TR	AE
IC9007	RH-IXA992WJN1Y	J	M24256-BWMN6	AP
IC9008	VHITDA10046-1Q	J	TDA10046HT/C1,	BB
IC9009	VHIPQ09DZ1U-1Y	J	PQ09DZ1U	AG
IC9010	VHITA78L05F-1Y	J	TA78L05F	AE
IC9011	VHIPCF8574T-1Y	J	PCF8574T,118	AQ
IC9012	VHIPQ070XZ1-1Y	J	PQ070XZ01ZP	AF
IC9013	VHITPS54350-1Y	J	TPS54350PWPR	AN
IC9014	VHIPQ05DZ1U-1Y	J	PQ05DZ1U	AG
IC9101	VHISTV0700+-1Q	J	STV0700	AY
IC9102	VHITPS2022D-1Y	J	TPS2022DR	AP
IC9103	VHILVC573AP-1Y	J	SN74LVC573APWR	AE
IC9104	VHILVC573AP-1Y	J	SN74LVC573APWR	AE
IC9105	RH-IXB021WJZZY	J	SN74LVCR2245AP	AG

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q8601	VS2SK536///-1Y	J	2SK536	AE
Q8602	VS2SK536///-1Y	J	2SK536	AE
Q8603	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q8604	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q9001	VSRTQ045N03-1Y	J	RTQ045N03	AE
Q9002	VSRTQ045N03-1Y	J	RTQ045N03	AE
Q9003	VSRTQ045N03-1Y	J	RTQ045N03	AE

DIODES AND LED'S

Ref. No.	Part No.	★	Description	Code
D8601	RH-PX0421CEZZY	J	Photo Diode	AD
D9001	VHDFS1J3///-1Y	J	FS1J3	AD
D9002	VHDFS1J3///-1Y	J	FS1J3	AD
D9004	VHDFS1J3///-1Y	J	FS1J3	AD
D9008	VHD1SS400++-1Y	J	1SS400	AB
D9009	VHD1SS400++-1Y	J	1SS400	AB

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X8601	RCRSCA077WJZZY	J	Crystal	AF
X9101	RCRUAA032WJZZY	J		AK

COIL AND TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
L8906	VPD9M2R2JR96NY	J	Peaking 2.2µH	AC
L8907	VPD9M2R2JR96NY	J	Peaking 2.2µH	AC
L8909	VPD9M2R2JR96NY	J	Peaking 2.2µH	AC
L8910	VPD9M2R2JR96NY	J	Peaking 2.2µH	AC
L8911	VPD9M2R2JR96NY	J	Peaking 2.2µH	AC
L9001	RCILPA157WJZZY	J	Coil	AE
L9002	RCILPA156WJZZY	J	Coil	AE
L9003	RCILPA154WJZZY	J	Coil	AE

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C8601	VCCCCY1HH120JY	J	12p 50V Ceramic	AA
C8602	VCCCCY1HH120JY	J	12p 50V Ceramic	AA
C8603	RC-KZA069WJZZY	J	4.7 10V Ceramic	AB
C8604	RC-KZA069WJZZY	J	4.7 10V Ceramic	AB
C8605	RC-KZA069WJZZY	J	4.7 10V Ceramic	AB
C8606	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8607	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8608	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8609	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8610	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8611	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8612	RC-KZA069WJZZY	J	4.7 10V Ceramic	AB
C8613	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8614	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8615	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8616	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8617	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8618	RC-KZA069WJZZY	J	4.7 10V Ceramic	AB
C8619	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8620	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8621	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8622	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8623	RC-KZA069WJZZY	J	4.7 10V Ceramic	AB
C8624	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8625	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8626	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8627	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C8628	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

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DVB-T UNIT (Continued)

Ref. No.	Part No.	★	Description			Code
C8629	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8630	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8631	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8632	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8633	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8634	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8635	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8636	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8801	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8802	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8803	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8804	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8805	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8806	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8807	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8808	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8809	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8810	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8811	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8812	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8813	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8814	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8815	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8816	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8817	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8818	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8819	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8820	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8821	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8822	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8823	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8824	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8825	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8826	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8827	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8828	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8829	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8830	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8831	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8832	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8833	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8834	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8835	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8836	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8837	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C8838	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8901	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C8902	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C8903	VCEASX1CN106MY	J	10	16V	Electrolytic	AC
C8904	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8905	VCKYCY1EF473ZY	J	0.047	25V	Ceramic	AA
C8906	VCKYCY1EF473ZY	J	0.047	25V	Ceramic	AA
C8907	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8908	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8909	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB
C8910	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB
C8911	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB
C8912	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB
C8913	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB
C8914	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB
C8916	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8917	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8918	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8919	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8920	VCCCCY1HH180JY	J	18p	50V	Ceramic	AA
C8921	VCCCCY1HH330JY	J	33p	50V	Ceramic	AA
C8922	VCCCCY1HH180JY	J	18p	50V	Ceramic	AA
C8923	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C8924	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C8925	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8926	RC-KZA069WJZZY	J	4.7	10V	Ceramic	AB
C8927	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8929	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C8931	VCEASX1VN475MY	J	4.7	35V	Electrolytic	AB
C8932	VCEASX1VN475MY	J	4.7	35V	Electrolytic	AB
C8933	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C8935	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C8936	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C8937	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C8938	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C8939	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C8940	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C8941	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C8942	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C8943	VCEASX1CN226MY	J	22	16V	Electrolytic	AC
C8944	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C8945	VCKYCY1CF474ZY	J	0.47	16V	Ceramic	AB
C8946	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8947	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8949	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C8950	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C8952	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8953	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8955	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8956	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8957	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8966	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C8967	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C8968	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C8969	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8970	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8971	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C8972	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C9001	VCKYCY1HB123KY	J	0.012	50V	Ceramic	AA
C9002	VCKYCY1HB681KY	J	680p	50V	Ceramic	AA
C9003	VCKYCY1HB123KY	J	0.012	50V	Ceramic	AA
C9004	VCKYCY1HB822KY	J	8200p	50V	Ceramic	AB
C9005	VCKYCY1HB681KY	J	680p	50V	Ceramic	AA
C9006	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C9007	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C9008	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C9009	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C9010	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C9011	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C9012	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C9013	RC-KZA113WJZZY	J	4.7	16V	Ceramic	AB
C9014	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C9015	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C9016	VCKYCY1HB822KY	J	8200p	50V	Ceramic	AB
C9017	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C9018	VCKYCY1HB682KY	J	6800p	50V	Ceramic	AA
C9019	VCAAPD1CJ826MY	J	82	16V	Electrolytic	AF
C9020	VCAAPD1CJ826MY	J	82	16V	Electrolytic	AF
C9021	VCAAPD1CJ826MY	J	82	16V	Electrolytic	AF
C9022	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9023	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C9024	RC-KZA067WJZZY	J	4.7	16V	Ceramic	AB
C9031	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9033	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9034	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9035	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C9036	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9037	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C9038	VCKYCY1CF224ZY	J	0.22	16V	Ceramic	AB
C9039	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C9040	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9041	VCCCCY1HH100DY	J	10p	50V	Ceramic	AA
C9042	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9044	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9045	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9046	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9048	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9049	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9050	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9051	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9052	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9053	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C9054	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

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DVB-T UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
C9055	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9056	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9057	VCKYCY1CF334ZY	J	0.33 16V Ceramic	AB
C9058	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C9059	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9060	VCKYCY1CF334ZY	J	0.33 16V Ceramic	AB
C9061	VCAAPD1CJ826MY	J	82 16V Electrolytic	AF
C9062	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9063	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9064	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C9065	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9066	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C9067	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9068	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C9069	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9070	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9071	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9072	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9073	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C9075	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9076	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9101	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C9102	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9103	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9104	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9105	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9106	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9107	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C9108	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9109	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C9110	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C9111	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9112	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C9113	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9114	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9115	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C9116	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R8601	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8602	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8603	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8604	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8605	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8606	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8607	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8608	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8609	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8610	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8611	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8612	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8613	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8614	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8615	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8617	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R8618	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8619	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8620	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8621	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8622	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R8623	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8626	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8627	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8628	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8630	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8631	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8633	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8634	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8635	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8636	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8637	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R8638	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R8639	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R8640	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R8641	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8642	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8643	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8644	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8645	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R8647	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8648	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8649	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R8650	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8651	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8652	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8653	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8654	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8655	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8657	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8658	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8659	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8660	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8661	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8662	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8663	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8664	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8665	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8666	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8667	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8668	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8669	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8670	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8671	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8672	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8673	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8674	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8675	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8676	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8677	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8678	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8679	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8680	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8681	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8682	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8683	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8684	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R8685	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8686	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8687	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8688	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8689	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8690	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8691	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8692	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8693	VRS-CY1JF621JY	J	620 1/16W Metal Oxide	AA
R8694	VRS-CY1JF271JY	J	270 1/16W Metal Oxide	AA
R8699	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8700	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8701	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8702	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8801	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8802	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8803	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8804	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8805	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8806	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8807	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8808	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8809	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8810	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8811	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8813	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8814	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8816	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8817	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8818	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8821	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8822	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA

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DVB-T UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R8823	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R8824	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8825	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8826	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8827	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8828	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8829	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8830	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8831	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8833	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8835	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8836	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R8837	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8839	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8840	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8841	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8842	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R8843	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8848	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8849	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8850	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8851	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8852	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8853	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8855	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8856	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8860	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R8861	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R8862	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R8863	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R8864	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R8865	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R8866	VRK-CD1JJ560JY	J	56 1/16W Metal Composition	AC
R8902	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8903	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8904	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8905	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8906	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R8910	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8911	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8912	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8913	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8914	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8915	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R8917	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R8918	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R8921	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R8922	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R8923	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R8925	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R8927	VRS-CY1JF134FY	J	130k 1/16W Metal Oxide	AA
R8928	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R8929	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R8930	VRS-CY1JF134FY	J	130k 1/16W Metal Oxide	AA
R8931	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8933	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R8934	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R8935	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R8936	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R8937	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R8938	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8939	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R8942	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8943	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8944	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8945	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8946	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8947	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
R8950	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8952	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8954	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8956	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8958	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R8959	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8960	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R8963	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R8965	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R8966	VRS-CY1JF1R0JY	J	1 1/16W Metal Oxide	AA
R8967	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R8968	VRS-CY1JF1R0JY	J	1 1/16W Metal Oxide	AA
R8969	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8970	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R8971	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R8972	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R8974	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R8975	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R8976	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R8977	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R8978	VRS-CY1JF750JY	J	75 1/16W Metal Oxide	AA
R8979	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8980	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R8981	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9001	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R9002	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9003	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R9004	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R9005	VRS-CY1JF622JY	J	6.2k 1/16W Metal Oxide	AA
R9006	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R9007	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R9008	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R9009	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R9010	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R9011	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R9012	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R9013	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R9014	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R9015	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA
R9016	VRS-CY1JF563JY	J	56k 1/16W Metal Oxide	AA
R9017	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R9018	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R9019	VRS-CY1JF184JY	J	180k 1/16W Metal Oxide	AA
R9020	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R9021	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R9022	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9023	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9024	VRS-CY1JF684JY	J	680k 1/16W Metal Oxide	AA
R9025	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9026	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9027	VRS-CY1JF221JY	J	220 1/16W Metal Oxide	AA
R9028	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R9030	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R9033	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9034	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R9036	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9037	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9038	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R9039	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R9040	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9041	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R9042	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R9043	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9044	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R9045	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9046	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9048	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9049	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9050	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R9051	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R9052	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R9053	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R9054	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R9055	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9056	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9057	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA

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DVB-T UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R9059	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R9060	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9061	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9062	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R9063	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9066	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9067	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9068	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9070	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R9071	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9072	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9077	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R9078	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9079	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9080	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9081	VRS-CY1JF681FY	J	680 1/16W Metal Oxide	AA
R9082	VRS-CY1JF122FY	J	1.2k 1/16W Metal Oxide	AA
R9083	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R9084	VRS-CY1JF391JY	J	390 1/16W Metal Oxide	AA
R9085	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R9086	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9088	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R9102	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9103	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9104	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9105	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9106	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9107	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9108	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9109	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9110	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R9111	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R9112	VRS-CY1JF561JY	J	560 1/16W Metal Oxide	AA
R9113	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R9114	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9115	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9116	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R9117	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9118	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9120	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9121	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R9122	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R9123	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R9124	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R9125	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9126	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9127	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9128	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R9130	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB8604	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB8801	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8802	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8803	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8804	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8806	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8901	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8903	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8904	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8905	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8913	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8914	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8915	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB8916	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB9001	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB9013	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB9014	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB9015	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB9016	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB9017	RBLN-0254TAZZY	J	Ferrite Bead	AB
FB9018	RBLN-0209TAZZY	J	Ferrite Bead	AB
FB9101	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB9102	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB9103	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB9104	RBLN-0050TAZZY	J	Ferrite Bead	AA
FB9105	RBLN-0050TAZZY	J	Ferrite Bead	AA
F9001	QFS-L1625TAZZY	J	Fuse	AD
P8901	QPLGN0569FJZZY	J	Plug	AE
P8903	QCNCMA172WJZZQ	J	Connector	AG
P9001	QPLGN0541FJZZY	J	Plug	AD
SC8801	QSOCN2090TAZZY	J	Socket	AD
SC9101	QCNCWA242WJZZ	J	Connector	AR
	XBPSN20P12JS0	J	Screw	AB

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FRONT UNIT

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q3001	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3002	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3005	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q3006	VSDTC144EE/-1Y	J	DTC144EE	AA
Q3007	VSDTC144EE/-1Y	J	DTC144EE	AA
Q3008	VSDTC144EE/-1Y	J	DTC144EE	AA
Q3009	VS2SC3928AR-1Y	J	2SC3928AR	AB

DIODES AND LED'S

Ref. No.	Part No.	★	Description	Code
D3001	RH-PX0421CEZZY	J	Photo Diode	AD
D3004	RH-PX0421CEZZY	J	Photo Diode	AD

COIL AND TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
FL2401	RFILN0017TAZZY	J	Filter	AC
FL2402	RFILN0017TAZZY	J	Filter	AC
FL2403	RFILN0017TAZZY	J	Filter	AC

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C2401	VCCCCY1HH100DY	J	10p 50V Ceramic	AA
C2402	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C2403	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C2404	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C2405	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C2406	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C2407	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C2408	VCCCCY1HH100DY	J	10p 50V Ceramic	AA
C2411	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C2412	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C2415	RC-KZA073WJZZY	J	10 16V Ceramic	AD
C2416	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2418	RC-KZA073WJZZY	J	10 16V Ceramic	AD
C2420	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2421	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2423	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2430	VCCCCY1HH560JY	J	56p 50V Ceramic	AB
C2431	VCCCCY1HH560JY	J	56p 50V Ceramic	AB
C3001	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3002	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3004	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3005	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R2401	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2403	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2404	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2405	VRS-TW2ED4R7JY	J	4.7 1/4W Metal Oxide	AB
R2406	VRS-TW2ED4R7JY	J	4.7 1/4W Metal Oxide	AB
R2425	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2428	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2429	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2430	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2431	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA

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FRONT UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R2432	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R2433	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2434	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R2437	VRS-TW2ED750JY	J	75 1/4W Metal Oxide	AA
R2438	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2440	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2441	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2445	VRS-TW2ED220JY	J	22 1/4W Metal Oxide	AB
R2446	VRS-TW2ED220JY	J	22 1/4W Metal Oxide	AB
R3001	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R3002	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3003	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3004	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R3005	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R3006	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3009	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3012	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R3013	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3014	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3015	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R3016	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R3017	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3018	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3019	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3020	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3031	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB2401	RBLN-0062TAZZY	J	Ferrite Bead	AB
FB2402	RBLN-0062TAZZY	J	Ferrite Bead	AB
J2401	QSOCD0439CEZZ	J	Socket, 6Pin	AF
J2402	QJAKJ0080CEZZ	J	Jack, 7Pin	AF
J2404	QJAKGA021WJZZ	J	Jack, 7Pin	AF
P2402	QPLGNA169WJZZ	J	Plug, 30Pin(AF)	AD
S3001	QSW-K0065GEZZY	J	Switch, 5Pin	AD
S3004	QSW-K0069CEZZ	J	Switch, 4Pin	AB
S3005	QSW-K0069CEZZ	J	Switch, 4Pin	AB

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AUDIO IF UNIT

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q6001	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q6002	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q6007	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q6008	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q6009	VS2SA1530AR-1Y	J	2SA1530AR	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D6000	VHDMA157A//-1Y	J	MA157A	AC
D6001	VHDMA157A//-1Y	J	MA157A	AC
D6003	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D6004	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D6005	VHDMA157A//-1Y	J	MA157A	AC
D6006	VHDMA157A//-1Y	J	MA157A	AC
D6007	VHDMA157A//-1Y	J	MA157A	AC
D6008	RH-EX1283CEZZY	J	Zener Diode, 18V	AB
D6009	RH-EX1283CEZZY	J	Zener Diode, 18V	AB
D6010	RH-EX1283CEZZY	J	Zener Diode, 18V	AB
D6011	RH-EX1283CEZZY	J	Zener Diode, 18V	AB
D6012	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D6013	VHDMA157A//-1Y	J	MA157A	AC
D6014	VHDMA157A//-1Y	J	MA157A	AC
D6015	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D6016	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D6017	VHDDAN202K/-1Y	J	DAN202K	AB
D6018	RH-EX1264CEZZY	J	Zener Diode, 10V	AB
D6019	VHDHSU119//-1Y	J	HSU119	AB
D6020	VHDHSU119//-1Y	J	HSU119	AB
D6021	RH-EX1016GEZZY	J	Zener Diode, 18V	AD
D6022	RH-EX1016GEZZY	J	Zener Diode, 18V	AD
D6023	RH-EX1016GEZZY	J	Zener Diode, 18V	AD
D6024	RH-EX1016GEZZY	J	Zener Diode, 18V	AD

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C6002	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6003	VCKYCY1AF105ZY	J	1 10V Ceramic	AC
C6004	VCKYCY1AF105ZY	J	1 10V Ceramic	AC
C6009	VCKYCY1HF223ZY	J	0.022 50V Ceramic	AB
C6010	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C6011	VCCCCY1HH151JY	J	150p 50V Ceramic	AA
C6012	VCCCCY1HH151JY	J	150p 50V Ceramic	AA
C6013	VCCCCY1HH151JY	J	150p 50V Ceramic	AA
C6014	VCCCCY1HH151JY	J	150p 50V Ceramic	AA
C6015	VCKYCY1CF224ZY	J	0.22 16V Ceramic	AB
C6016	VCCCCY1HH151JY	J	150p 50V Ceramic	AA
C6017	VCKYCY1CF224ZY	J	0.22 16V Ceramic	AB
C6018	VCCCCY1HH151JY	J	150p 50V Ceramic	AA
C6019	VCKYCY1HF223ZY	J	0.022 50V Ceramic	AB
C6020	VCKYCY1HF223ZY	J	0.022 50V Ceramic	AB
C6021	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6022	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R6000	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R6001	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R6002	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R6003	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R6004	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R6005	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R6007	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R6008	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R6009	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6010	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6013	VRS-TQ2BD000JY	J	0 1/8W Metal Oxide	AA
R6014	VRS-TQ2BD000JY	J	0 1/8W Metal Oxide	AA
R6015	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6016	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R6017	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6018	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R6019	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R6020	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R6021	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R6022	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R6036	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R6037	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R6039	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R6041	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6042	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R6043	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB6000	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB6001	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB6002	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6003	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6004	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB6005	RBLN-0210TAZZY	J	Ferrite Bead	AB
P6000	QPLGN0064CEZZY	J	Plug, 14Pin(SH)	AE
P6001	QPLGNA061WJZZ	J	Plug, 7Pin(SJ)	AC
P6002	QPLGN0564TAZZY	J	Plug, 5Pin(SF)	AC
P6003	QPLGN0864TAZZY	J	Plug, 8Pin(SC)	AE
RY6000	RRLYDA002WJZZY	J	Relay	AK
RY6001	RRLYDA002WJZZY	J	Relay	AK
SC6000	QSOCZ2015CEZZ	J	Socket, 22Pin	AG
SC6001	QSOCDA016WJZZ	J	Socket, 8Pin(S-OUT)	AG
SC6002	QTANA0401GEZZ	J	Terminal, 4Pin(EX-OUT)	AG

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AUDIO IF UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
	LANGTA110WJFW	J	Fixing Metal	AP
	LHLDWA023WJKZ	J	Holder	AC
	LHLDW1121GEZZ	J	Holder	AB
	XJPSN30P08XS0	J	Screw	AA

DUNTKC526DE01-08
TMDS UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC3101	VHISII170BG-1Q	J	SII170BCLG64	BB
IC3102	VHIPQ1R33//-1Y	J	PQ1R33	AE
IC3103	VHIPQ1R33//-1Y	J	PQ1R33	AE
IC3104	VHIUPD4721G-1Y	J	UPD4721GS-GJG	AN
IC3105	VHITLVDF84B-1Y	J	THC63LVDF84B	AT
IC3109	VHILTC1694C-1Y	J	LTC1694CS5#TR	AM

DIODES

Ref. No.	Part No.	★	Description	Code
D3100	VHD1SS355//-1Y	J	1SS355	AB
D3101	VHD1SS355//-1Y	J	1SS355	AB
D3104	VHDMA3120WA-1Y	J	MA3120WA	AD
D3105	VHDMA3120WA-1Y	J	MA3120WA	AD

COIL AND TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
L3100	VPD9M470J6R6NY	J	Peaking 47µH	AC
L3101	VPD9M470J6R6NY	J	Peaking 47µH	AC
L3102	VPD9M470J6R6NY	J	Peaking 47µH	AC

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C3101	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3107	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3108	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3109	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3110	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3111	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3112	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3113	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3114	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3116	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3117	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C3118	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3119	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3120	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3121	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3122	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3123	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3124	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3125	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3126	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C3127	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3128	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C3129	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C3130	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3131	VCEASX0JN476MY	J	47 6.3V Electrolytic	AC
C3132	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3133	VCEASX1HN225MY	J	2.2 50V Electrolytic	AB
C3134	VCEASX1HN225MY	J	2.2 50V Electrolytic	AB
C3135	VCEASX1HN225MY	J	2.2 50V Electrolytic	AB
C3136	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3137	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C3138	VCEASX1HN225MY	J	2.2 50V Electrolytic	AB
C3139	VCEASX1HN225MY	J	2.2 50V Electrolytic	AB
C3143	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C3144	VCAAPC1AJ336MY	J	33 10V Electrolytic	AG
C3145	VCAAPC1AJ336MY	J	33 10V Electrolytic	AG

RESISTORS

Ref. No.	Part No.	★	Description	Code
R3101	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R3111	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R3112	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R3113	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R3114	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R3116	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R3117	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R3118	VRS-CY1JF511JY	J	510 1/16W Metal Oxide	AA
R3119	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R3120	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R3121	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R3124	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3125	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R3128	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3130	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3131	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R3133	VRS-TV1JD101JY	J	100 1/16W Metal Oxide	AA
R3135	VRS-TV1JD101JY	J	100 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB3101	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB3102	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB3103	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB3104	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB3106	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB3108	RBLN-0060TAZZY	J	Ferrite Bead	AB
P3100	QPLGNA161WJZZY	J	Plug, 5Pin(T)	AE
P3101	QPLGN0567FJZZY	J	Plug, 5Pin(DU)	AD
SC3100	QSOCNA289WJZZY	J	Socket, 32Pin(LV)	AP
SC3101	QSOCN0532FJZZY	J	Socket, 12Pin(LP)	AD
SC3102	QSOCZA017WJZZ	J	Socket, 32Pin	AM
SC3103	QSOCN0437FJZZ	J	Socket, 11Pin	AM

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PC CARD UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC5001	RH-IXA805WJZZQ	J	TMS320DM270GHK	BG
IC5003	RH-IXA970WJN5Q	J	I.C.	
IC5004	VHIPQ070XZ1-1Y	J	PQ070XZ01ZP	AF
IC5006	RH-IXA913WJZZQ	J	MT48LC4M32B2TG	BA
IC5101	VHIDS90C385-1Y	J	DS90C385MTDX	AP
IC5102	VHIDS90C386-1Y	J	DS90CF386MTDX	AP
IC5103	RH-IXA828WJZZY	J	BD9300FV-FE2	AH
IC5201	RH-IXA420WJZZQ	J	TMS320DA150GGU	BE
IC5601	VHILV244AT+-1Y	J	SN74LV244APWR	AF
IC5602	VHITC7W08U/-1Y	J	TC7W08FU	AD
IC5603	VHILV244AT+-1Y	J	SN74LV244APWR	AF
IC5604	VHILV244AT+-1Y	J	SN74LV244APWR	AF
IC5605	VHIPQ20WZ11-1Y	J	PQ20WZ1U	AF
IC5606	VHILV245AT+-1Y	J	SN74LV245APWR	AF
IC5607	VHILV245AT+-1Y	J	SN74LV245APWR	AF
IC5608	VHILV244AT+-1Y	J	SN74LV244APWR	AF
IC5609	VHINC7WZ125-1Y	J	NC7WZ125	AD

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q5001	VS2SA1362GR-1Y	J	2SA1362GR	AC
Q5002	VSDTC144EE/-1Y	J	DTC144EE	AA
Q5102	VSDTC144EKA-1Y	J	DTC144EKA	AB
Q5103	VSUML2N++++-1Y	J	UML2N	AC
Q5105	VSRSS040P03-1Y	J	RSS040P03	AE
Q5601	VSDTC144EE/-1Y	J	DTC144EE	AA
Q5602	VSDTC144EE/-1Y	J	DTC144EE	AA

DUNTKC544FE01
PC CARD UNIT (Continued)

DIODES

Ref. No.	Part No.	★	Description	Code
D5001	RH-FXA008WJZZY	J	GP1S092HCPIF	AD
D5101	VHDRB051L40-1Y	J	DRB051L40	AD

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X5001	RCRUAA008WJZZY	J		AM
X5201	RCRSC0186TAZZY	J	Crystal	AK

COIL AND TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
L5101	VPD9M100J1R7NY	J	Peaking 10µH	AC
L5102	VPD9M100J1R7NY	J	Peaking 10µH	AC
L5103	RCILPA154WJZZY	J	Coil, 15µH	AE

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C5000	VCCCCY1HH100DY	J	10p 50V Ceramic	AA
C5001	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5002	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5003	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5004	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5005	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5006	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5007	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5008	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5009	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5010	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5011	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5012	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5013	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5015	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5016	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5017	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5018	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5019	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C5020	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5021	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5022	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5023	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5024	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5025	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5026	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5027	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5028	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5029	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5030	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5034	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5035	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5101	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5102	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C5103	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5104	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C5105	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5106	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5107	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C5108	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5109	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5110	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C5111	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C5112	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5113	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5114	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C5115	VCKYTV1CF105ZY	J	1 16V Ceramic	AB
C5116	VCKYTV1CF105ZY	J	1 16V Ceramic	AB
C5117	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C5118	VCCCCY1HH330JY	J	33p 50V Ceramic	AA
C5119	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C5120	VCCCCY1HH181JY	J	180p 50V Ceramic	AA
C5121	RC-KZA113WJZZY	J	4.7 16V Ceramic	AB
C5122	VCCCCY1HH102JY	J	1000p 50V Ceramic	AB
C5123	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5126	RC-KZA110WJZZY	J	10 25V Ceramic	AD
C5201	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5202	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5203	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5204	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5205	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5206	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5207	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5208	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5209	VCCCCY1HH6R0DY	J	6.0p 50V Ceramic	AA
C5210	VCCCCY1HH6R0DY	J	6.0p 50V Ceramic	AA
C5601	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5603	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5604	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5605	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5606	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5607	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5608	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5609	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5610	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5612	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C5613	RC-KZA041WJZZY	J	10 10V Ceramic	AC
C5614	RC-KZA041WJZZY	J	10 10V Ceramic	AC

RESISTORS

Ref. No.	Part No.	★	Description	Code
R5002	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5003	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5004	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5005	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R5006	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5007	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5008	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5009	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5010	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5011	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5012	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5013	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5015	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5016	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5017	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5018	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5019	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5020	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5021	VRS-CY1JF221FY	J	220 1/16W Metal Oxide	AA
R5022	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R5025	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5026	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5027	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R5028	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R5029	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5030	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5034	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5035	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5036	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5037	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5041	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5042	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5043	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5055	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5056	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5057	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5058	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5059	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5060	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5061	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5062	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5063	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5064	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5065	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5066	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5067	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5068	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5069	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5070	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5071	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5072	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5073	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5074	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA

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PC CARD UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R5075	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5076	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5077	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5078	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5079	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5080	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5081	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5101	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5102	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5103	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5105	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R5106	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R5107	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R5108	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R5109	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R5114	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R5115	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R5116	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R5117	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R5118	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5119	VRS-CY1JF203FY	J	20k 1/16W Metal Oxide	AA
R5120	VRS-CY1JF303FY	J	30k 1/16W Metal Oxide	AA
R5122	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R5123	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5124	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5125	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R5128	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5134	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5137	VRS-CY1JF511JY	J	510 1/16W Metal Oxide	AA
R5138	VRS-CY1JF511JY	J	510 1/16W Metal Oxide	AA
R5139	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R5140	VRS-CY1JF471JY	J	470 1/16W Metal Oxide	AA
R5141	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5142	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5144	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5201	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5202	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5203	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5204	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5205	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R5206	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5207	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5208	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5209	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5210	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5211	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5212	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R5214	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5601	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R5602	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R5603	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R5604	VRS-CH1JF103JY	J	10k 1/16W Metal Oxide	AA
R5605	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5606	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5607	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5609	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5610	VRS-CH1JF104JY	J	100k 1/16W Metal Oxide	AA
R5611	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5612	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5613	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5614	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5616	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R5617	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R5618	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5619	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5621	VRS-CY1JF182JY	J	1.8k 1/16W Metal Oxide	AA
R5623	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5624	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5625	VRS-CH1JF104JY	J	100k 1/16W Metal Oxide	AA
R5626	VRS-CH1JF104JY	J	100k 1/16W Metal Oxide	AA
R5627	VRS-CJ1JF104JY	J	100k 1/16W Metal Oxide	AA
R5628	VRS-CH1JF104JY	J	100k 1/16W Metal Oxide	AA
R5629	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R5630	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5632	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R5634	VRS-CY1JF682JY	J	6.8k 1/16W Metal Oxide	AA
R5636	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB5101	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB5102	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB5103	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB5104	RBLN-0060TAZZY	J	Ferrite Bead	AB
P5001	QPLGN1474TAZZY	J	Plug, 14Pin	AE
P5003	QPLGN0574FJZZY	J	Plug, 12Pin(PC)	AE
S5001	QSW-K0108CEZZY	J	Switch, 5Pin	AD
SC5102	QSOCNA239WJZZY	J	Socket, 32Pin	AP
SC5601	QSOCNA003WJZZY	J	Socket, 100Pin	AM
SC5602	QCNCMA162WJSA	J	CONNECTOR, 2Pin	AV

RDENCA076WJZZ
POWER UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC701	95KUCB0247AZ	J	I C, MIP2D2 0MPSCF	AH
IC702	95KUCY0136AZ	J	I C (CHIP), FA5501N-TE1	AL
IC703	95KUCY0159AY	J	I C (SOP), L6565DTR	AH
IC903	95KUCB0166AK	J	I C, UPC1093J-1-T	AD
IC901	95KUCB0166AK	J	I C, UPC1093J-1-T	AD
IC902	95KUCY0166AY	J	I C (SOP), S-1170B50UC-OUJ-TF	AH
IC904	95KUCY0160AY	J	I C (SOP), STSR30D-TR	AN
IC905	95KUCY0161AY	J	I C (SOP), LM2642MTCX	AT
IC906	95KUCY0138AZ	J	I C (SOP), BA10393F-E2”	AD

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q701	95KUAC0027CK	J	2SC2655-Y(TPE6 C)	AD
Q702	95KUAY0120BK	J	2SC4097-T106 QR	AC
Q705	95KUAG0214BZ	J	2SK3326 (6)	AK
Q706	95KUAG0239AK	J	2SK3532-01MR F119SC	AM
Q707	95KUAY0146AZ	J	IMZ1A T108	AC
Q708	95KUAY0146AZ	J	IMZ1A T108	AC
Q711	95KUAC0027CK	J	2SC2655-Y(TPE6 C)	AD
Q712	95KUAC0230AB	J	2SC3632-K	AF
Q901	95KUAY0120BK	J	2SC4097-T106 QR	AC
Q902	95KUAG0249AZ	J	2SK3715	AP
Q903	95KUAC0027CK	J	2SC2655-Y(TPE6 C)	AD
Q904	95KUAF0081AK	J	DTC114EKA T146	AC
Q907	95KUAY0158AZ	J	SI4894DY	AF
Q908	95KUAY0158AZ	J	SI4894DY	AF

DIODES

Ref. No.	Part No.	★	Description	Code
⚠ D701	95KUBY0078AK	J	1SS400 TE-61	AB
⚠ D704	95KUBB0259AK	J	D1UBA80-4062	AD
D705	95KUBC0169DK	J	ERA22-08V1	AD
D706	95KUBY0072AK	J	1SS376TE-17	
D707	95KUBY0008AK	J	D1FL20U-4063	
⚠ D708	95KUBB0149DZ	J	D3SBA60	AH
D709	95KUBH0002GZ	J	SF5L60-4100	AG
D710	95KUBY0008AK	J	D1FL20U-4063	
D711	95KUBY0078AK	J	1SS400 TE-61	AB
D713	95KUBY0008AK	J	D1FL20U-4063	
D715	95KUBC0169EK	J	ERA22-10V1	AD
D716	95KUBY0008AK	J	D1FL20U-4063	
D717	95KUBY0008AK	J	D1FL20U-4063	
D718	95KUBY0078AK	J	1SS400 TE-61	AB
D719	95KUBY0078AK	J	1SS400 TE-61	AB
D720	95KUBY0078AK	J	1SS400 TE-61	AB
D721	95KUBY0078AK	J	1SS400 TE-61	AB
D722	95KUBY0078AK	J	1SS400 TE-61	AB

RDENCA076WJZZ
POWER UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
D723	95KUBY0078AK	J	1SS400 TE-61	AB
D901	95KUBC0207BK	J	ERB83-006V1	AD
D902	95KUBC0425AY	J	D1F60-4063	AC
D903	95KUBC0087AK	J	ERC81-006V11	AD
D905	95KUBY0078AK	J	1SS400 TE-61	AB
D906	95KUBY0078AK	J	1SS400 TE-61	AB
D907	95KUBY0078AK	J	1SS400 TE-61	AB
D908	95KUBY0078AK	J	1SS400 TE-61	AB
D909	95KUBY0078AK	J	1SS400 TE-61	AB
D910	95KUBY0078AK	J	1SS400 TE-61	AB
D911	95KUBY0078AK	J	1SS400 TE-61	AB
D912	95KUBY0078AK	J	1SS400 TE-61	AB
D914	95KUBY0090AK	J	RB520S-30	AC
D915	95KUBY0068AZ	J	D1FM3-4063	AD
D916	95KUBY0078AK	J	1SS400 TE-61	AB
ZD701	95KUBDCH270C	J	Zener Diode, MTZJ T-77 27B	AB
ZD702	95KUBDCQ201B	J	Zener Diode, 1ZB200-Y (TPA2)	AB
ZD703	95KUBXBM270B	J	Zener Diode, UDZS TE-17 27B,16V	
ZD704	95KUBDCH270C	J	Zener Diode, MTZJ T-77 27B	AB
ZD705	95KUBDCH5R6C	J	Zener Diode, MTZJ T-77 5.6B,5.6V	AB
ZD706	95KUBDRB2R0A	J	Zener Diode, RD2.0FB2-T7	AB
ZD708	95KUBDCH160C	J	Zener Diode, MTZJ T-77 16B	AB
ZD709	95KUBDCH270C	J	Zener Diode, MTZJ T-77 27B	AB
ZD901	95KUBDCH5R6C	J	Zener Diode, MTZJ T-77 5.6B	AB
ZD902	95KUBXBM5R6B	J	Zener Diode, UDZS TE-17 5.6B,5.6V	AB
ZD903	95KUBXBM180B	J	Zener Diode, UDZS TE-17 18B	AB
ZD904	95KUBXBM160B	J	Zener Diode, UDZS TE-17 16B	AB
ZD905	95KUBXBM130B	J	Zener Diode, UDZS TE-17 13B	AB
⚠ PC701	95KUDY0014AK	J	Photo Coupler PS2561L2-1-V-E3L	AD
⚠ PC702	95KUDY0014AK	J	Photo Coupler PS2561L2-1-V-E3L	AD
⚠ PC703	95KUDY0014AK	J	Photo Coupler PS2561L2-1-V-E3L	AD
⚠ PC704	95KUDY0014AK	J	Photo Coupler PS2561L2-1-V-E3L	AD
TH701	95KUEZ0501ZZ	J	Thermistor M5R107CS	AD
⚠ VZ701	95KUERALH471	J	Varistor, ENC471D-10A	AD

COILS

Ref. No.	Part No.	★	Description	Code
⚠ L701	95KUKZ1271ZZ	J	Filter, SS11H-R08125,12.5mH	
⚠ L702	95KUKZ1271ZZ	J	Filter, SS11H-R08125,12.5mH	
L703	95KUKZ1249ZZ	J	Coil, TN1819T-02102	AH
⚠ L704	95K829195011	J	Transformer, CHT117-KTC, 282μH	AH
⚠ L705	95KUKZ1283ZZ	J	Filter, SU9VF-02100, 10mH	
L901	95KUKZ1208ZZ	J	Coil, PJ5H-220, 22μH	AC
L902	95KUKZ1242ZZ	J	Coil, PC13-3R9N, 3.9μH	AE
L903	95KUKZ1243ZZ	J	Coil, H•DI-1280G-7R0, 7.0μH	AK
L904	95KUKZ1038ZZ	J	Coil, PC8-3R3M, 3.3μH	AE
⚠ T701	95K829195010	J	Transformer, PTTX93-KTC	AG
⚠ T702	95K830195007	J	Transformer, PTTX98-KTC	AN

CAPACITORS

Ref. No.	Part No.	★	Description	Code
⚠ C701	95KUGFZ224MN	J	0.22 AC275V	AD
⚠ C702	95KUGFZ224MN	J	0.22 AC275V	AD
⚠ C703	95KUGFZ224MN	J	0.22 AC275V	AD
⚠ C704	95KUGCM332GL	J	3300p AC250V	AD
⚠ C705	95KUGCM332GL	J	3300p AC250V	AD
⚠ C706	95KUGCM332GL	J	3300p AC250V	AD
C707	95KUGDQ6R8FL	J	6.8 400V	AE
C708	95KUGCU471JE	J	470p 1kV	AC
C709	95KUGDD221BJ	J	220 50V	AD
C710	95KUGDF2R2CZ	J	2.2 50V	AC
C711	95KUGXGFD104	J	0.1 25V	AB
⚠ C712	95KUGCM102GL	J	1000p AC250V	AC
⚠ C713	95KUGCM102GL	J	1000p AC250V	AC
C714	95KUGXGCF221	J	220p 50V	AB
C716	95KUGXMTD224	J	0.22 25V	AB
C717	95KUGXGFD104	J	0.1 25V	AB
C718	95KUGXGFD104	J	0.1 25V	AB
C719	95KUGXGFD104	J	0.1 25V	AB
C720	95KUGFR684QB	J	0.68 450V	AF
C722	95KUGCU331BS	J	330p 1kV	
C723	95KUGXGCF103	J	0.01 50V	AB
C724	95KUGXGCF222	J	2200p 50V	AB
C725	95KUGXAED334	J	0.33 25V	
C726	95KUGXJSF102	J	1000p 50V	AB
C728	95KUGXGFD333	J	0.033 50V	AB
C729	95KUGDF220CZ	J	22 50V	AC
C730	95KUGXAEF104	J	0.1 50V	AB
C731	95KUGDR820FX	J	82 450V	AM
C732	95KUGCV102JY	J	1000p 2kV	AC
C733	95KUGCV101JZ	J	100p 1kV	AC
C734	95KUGXGFD104	J	0.1 25V	AB
C735	95KUGXGCF103	J	0.01 50V	AB
C736	95KUGDE330CZ	J	33 35V	AC
⚠ C737	95KUGCM102GL	J	1000p AC250V	AC
C739	95KUGXGDF220	J	22p 50V	AB
⚠ C740	95KUGCM102GL	J	1000p AC250V	AC
C742	95KUGXJSF102	J	1000p 50V	
⚠ C743	95KUGXGFD104	J	0.1 25V	AB
C744	95KUGXGFD104	J	0.1 25V	AB
C745	95KUGXMTD224	J	0.22 25V	AB
C746	95KUGXGDF220	J	22p 50V	AB
C748	95KUGXKEF224	J	0.22 50V	AC
C749	95KUGXGDF101	J	100p 50V	AB
C901	95KUGDB471FK	J	470 10V	
C902	95KUGDB101AP	J	100 10V	AC
C903	95KUGXGFD104	J	0.1 25V	AB
C904	95KUGXGDF471	J	470p 50V	AB
C905	95KUGXGFD104	J	0.1 25V	AB
C906	95KUGDF100CZ	J	10p 50V	AC
C907	95KUGDD182FZ	J	1800p 25V	AF
C908	95KUGDD182FZ	J	1800p 25V	AF
C909	95KUGDD182FZ	J	1800p 25V	AF
C910	95KUGDD821FM	J	820 25V	AE
C912	95KUGXGFD104	J	0.1 25V	AB
C915	95KUGXGDF471	J	470p 50V	AB
C917	95KUGXGFD104	J	0.1 25V	AB
C918	95KUGXGFD104	J	0.1 25V	AB
C919	95KUGXGDF220	J	22p 50V	AB
C920	95KUGXGDF220	J	22p 50V	AB
C921	95KUGXGDF220	J	22p 50V	AB
C922	95KUGXMTD224	J	0.22 25V	AB
C925	95KUGXMUZ220	J	22 20V	AG
C926	95KUGXMUZ220	J	22 20V	AG
C927	95KUGXGFD104	J	0.1 25V	AB
C928	95KUGXGCF103	J	0.01 50V	AB
C929	95KUGXGFD104	J	0.1 25V	AB
C930	95KUGXMZC105	J	1 16V	AB
C931	95KUGXHEA105	J	1 6.3V	AC
C932	95KUGXNAC475	J	4.7 16V	
C933	95KUGXGCF103	J	0.01 50V	AB
C934	95KUGXMVC820	J	82 16V	AH
C935	95KUGXMVC820	J	82 16V	AH
C936	95KUGXGFD104	J	0.1 25V	AB
C937	95KUGXGCF332	J	3300p 50V	AB
C938	95KUGXMTD474	J	0.47 25V	AB
C939	95KUGXMTD224	J	0.22 25V	AB
C940	95KUGXGFD104	J	0.1 25V	AB
C941	95KUGXGDF101	J	100p 50V	AB

RESISTOR

Ref. No.	Part No.	★	Description	Code
⚠ R701	95KUEXDBA224	J	220k 1/4W	AB
⚠ R702	95KUEXDBA224	J	220k 1/4W	AB
⚠ R703	95KUEXDBA224	J	220k 1/4W	AB
⚠ R704	95KUEZ0850ZZ	J	6.8M 1W	
R705	95KUEXBAW473	J	47k 1/10W	AB
R706	95KUEXCBR392	J	3.9k 1/8W	AB
R707	95KUEXBAW472	J	4.7k 1/10W	AB
R708	95KUEXBAX000	J	0	AB
R713	95KUEXBAW682	J	6.8k 1/10W	AB
R716	95KUEFD104ES	J	100k 1W	AC
R718	95KUEXBAW474	J	470k 1/10W	AB

RDENCA076WJZZ POWER UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R719	95KUEXBAW153	J	15k 1/10W	AB
R720	95KUEXCBU000	J	0 1/8W	AB
R721	95KUEXCBR2R2	J	2.2 1/8W	AB
R726	95KUEXDBA824	J	820k 1/4W	AB
R727	95KUEXDBA824	J	820k 1/4W	AB
R728	95KUEXDBA824	J	820k 1/4W	AB
R729	95KUEXBAW273	J	27k 1/10W	AB
R732	95KUEXCBR473	J	47k 1/8W	AB
R733	95KUEXCAS220	J	22 1/8W	AB
R734	95KUEXCAS100	J	10 1/8W	
R735	95KUEFER68ER	J	0.68 2W	AC
R736	95KUEFER68ER	J	0.68 2W	AC
R737	95KUEXBAW101	J	100 1/10W	AB
R738	95KUEXBAW561	J	560 1/10W	AB
R739	95KUEYCR6803	J	680k 1/4W	
R740	95KUEYCR6803	J	680k 1/4W	
R741	95KUEYCR8203	J	820k 1/4W	AB
R742	95KUEYCN1502	J	15k 1/10W	AB
R743	95KUEXBAW103	J	10k 1/10W	AB
R746	95KUEFD333ES	J	33k 2W	AC
R747	95KUEXCBR473	J	47k 1/8W	AB
R748	95KUEFD333ES	J	33k 2W	AC
R749	95KUEFD333ES	J	33k 2W	AC
R750	95KUEFER68ER	J	0.68 2W	AC
R751	95KUEXCBR471	J	470 1/8W	AB
R752	95KUEXCAS220	J	22 1/8W	AB
R752	95KUEXCBR220	J	22 1/8W	AB
R753	95KUEXCBR333	J	33k 1/8W	AB
R758	95KUEXCBR165	J	1.6M 1/8W	AB
R759	95KUEXCBR165	J	1.6M 1/8W	AB
R760	95KUEXCBR165	J	1.6M 1/8W	AB
R761	95KUEXCBR682	J	6.8k 1/8W	AB
R766	95KUEXCBR472	J	4.7k 1/8W	AB
R767	95KUEXBAX000	J	0	AB
R768	95KUEXBAW473	J	47k 1/10W	AB
R773	95KUEXBAW331	J	330 1/10W	AB
R774	95KUEXBAW331	J	330 1/10W	AB
R775	95KUEXBAW103	J	10k 1/10W	AB
R776	95KUEXBAW103	J	10k 1/10W	AB
R777	95KUEXBAW102	J	1k 1/10W	AB
R780	95KUEXBAW103	J	10k 1/10W	AB
R781	95KUEXBAW562	J	5.6k 1/10W	AB
R782	95KUEXBAW473	J	47k 1/10W	AB
R783	95KUEXBAH563	J	56k 1/10W	AB
R783	95KUEXBAW563	J	56k 1/10W	AB
R784	95KUEXBAW562	J	5.6k 1/10W	AB
R785	95KUEXBAW562	J	5.6k 1/10W	AB
R787	95KUEYCR2613	J	261k 1/4W	AB
R788	95KUEXCBR472	J	4.7k 1/8W	AB
R789	95KUEFE562FT	J	5.6k 2W	AC
R790	95KUEFE562FT	J	5.6k 2W	AC
R791	95KUEFE562FT	J	5.6k 2W	AC
R792	95KUEYCR2613	J	261k 1/4W	AB
R793	95KUEYCR2613	J	261k 1/4W	AB
R794	95KUEXCBR683	J	68k 1/8W	AB
R795	95KUEXCBR563	J	56k 1/8W	AB
R901	95KUEXBAW121	J	120 1/10W	AB
R902	95KUEXBAW152	J	1.5k 1/10W	AB
R903	95KUEXBAW101	J	100 1/10W	AB
R904	95KUEYCN1002	J	10k 1/10W	AB
R905	95KUEYCN1001	J	1k 1/10W	AB
R906	95KUEYCN1002	J	10k 1/10W	AB
R907	95KUEXBAW101	J	100 1/10W	AB
R908	95KUEXBAW102	J	1k 1/10W	AB
R909	95KUEXBAW222	J	2.2k 1/10W	AB
R910	95KUEXBAW102	J	1k 1/10W	AB
R911	95KUEYCN1002	J	10k 1/10W	AB
R912	95KUEYCN1201	J	1.2k 1/10W	AB
R913	95KUEYCN2201	J	2.2k 1/10W	AB
R914	95KUEXBAW103	J	10k 1/10W	AB
R915	95KUEXBAW561	J	560 1/10W	AB
R916	95KUEXBAW102	J	1k 1/10W	AB
R918	95KUEXCBR472	J	4.7k 1/8W	AB
R919	95KUEXCBU000	J	0 1/8W	AB
R920	95KUEXJAY472	J	4.7k 1/10W	AB
R921	95KUEXBAH153	J	15k 1/10W	AB
R922	95KUEXBAW222	J	2.2k 1/10W	AB
R923	95KUEXBAW103	J	10k 1/10W	AB
R924	95KUEXBAW103	J	10k 1/10W	AB
R926	95KUEXBAH563	J	56k 1/10W	AB
R927	95KUEXBAW222	J	2.2k 1/10W	AB
R928	95KUEXBAW223	J	22k 1/10W	AB
R929	95KUEXBAW682	J	6.8k 1/10W	AB
R930	95KUEXBAW102	J	1k 1/10W	AB
R931	95KUEXBAW122	J	1.2k 1/10W	AB
R934	95KUEYCX15L0	J	15m 1/4W	AB
R935	95KUEYCX15L0	J	15m 1/4W	AB
R936	95KUEXBAW4R7	J	4.7 1/10W	AB
R937	95KUEYCY9102	J	91k 1/10W	
R938	95KUEYCY1202	J	12k 1/10W	AB
R939	95KUEYCY1203	J	120k 1/10W	AB
R940	95KUEXBAW150	J	15 1/10W	
R941	95KUEXBAW150	J	15 1/10W	
R942	95KUEXBAW682	J	6.8k 1/10W	AB
R943	95KUEXBAW102	J	1k 1/10W	AB
R944	95KUEXBAW4R7	J	4.7 1/10W	AB
R945	95KUEXBAW222	J	2.2k 1/10W	AB
R994	95KUEYCN8202	J	82k 1/10W	AB
R995	95KUEXBAW205	J	2M 1/10W	AB
R996	95KUEXBAX000	J	0	AB
R997	95KUEXBAW223	J	22k 1/10W	AB

BALUNES

Ref. No.	Part No.	★	Description	Code
FB701	95KBFZ89856Z	J	Ferrite Bead FBR07HA850SB-00	AB
FB703	95KBFZ89856Z	J	Ferrite Bead FBR07HA850SB-00	AB

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ F701	95KPJCZZ0197	J	Fuse, 2A/AC250V	AE
⚠ F702	95KPJCZZ0088	J	Fuse, 1A/250V	AE
F703	95KPJT0185ZZ	J	Thermal Fuse, P110A	AD
FH701	95KPZZ0625ZZ	J	Fuse Holder, PFC5000-0502	AB
FH702	95KPZZ0625ZZ	J	Fuse Holder, PFC5000-0502	AB
⚠ CN701	95KPEZ0139ZZ	J	Inlet, CCT2302-0711, 2pin	AE
CN901	95KPCZ0381ZZ	J	Connector, B08B-PASK-1(LF) (PI)8pin	AE
CN902	95KPCZ0382ZZ	J	Connector, B07B-PASK-1(LF) (PJ)7pin	AE
CN903	95KPGZ0039ZZ	J	Jack, HEC8110-010010	AG
CN904	95KPCZ0391ZZ	J	Connector, B03B-PASK-1(LF) (PK)3pin	
LU901	95KPZZ0839ZZ	J	Earth, M1866	AB
LU902	95KPZZ0839ZZ	J	Earth, M1866	AB
M901	95KLRZ7093ZR	J	Heat Sink, MC306-5001A	AL
M902	95KLRZ7094ZR	J	Heat Sink, MC306-5002A	AH
M903	95KLRZ7095ZQ	J	Angle, MC306-5003A	AM
MD902	95KGZZ5627ZZ	J	Insulation Sheet, MC306-3002A	AF
⚠ RY701	95KPHZ0216ZZ	J	Relay, G5PA-1DC5V(PF)	AH
CD902	95KECB8161ZZ	J	Housing, MC306-7506B	
CD903	95KECB8162ZZ	J	Housing, MC306-7506B	
CD904	95KECB8163ZZ	J	Housing, MC306-7506B	
SC901	95KRAE3080ZZ	J	Screw	AB
SC902	95KRAZ3168ZB	J	Screw	AA
SC903	95KRAZ3168ZB	J	Screw	AA
SC904	95KRAZ3168ZB	J	Screw	AA
SC905	95KRAZ3168ZB	J	Screw	AA
SC906	95KRAZ3168ZB	J	Screw	AA
SC907	95KRAZ3168ZB	J	Screw	AA
SC908	95KRAZ3252ZB	J	Screw	AB

RDENCA084WJZZ
DC-DC CONVERTER UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC951	95KUCY0169AY	J	MD1422N-4072	AT
IC952	95KUCY0169AY	J	MD1422N-4072	AT
IC1701	95KUCB0250AY	J	BD9731KV-E2	AR
IC1704	95KUCY0170AY	J	LT1910 ES8	AT
IC1705	95KUCY0177AY	J	PQ20WZ1U	AH
IC1706	95KUCY0177AY	J	PQ20WZ1U	AH

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q951	95KUAY0120BK	J	2SC4097-T106 QR	AC
Q952	95KUAG0236AZ	J	SI4431ADY	AH
Q953	95KUAY0120BK	J	2SC4097-T106 QR	AC
Q954	95KUAY0120BK	J	2SC4097-T106 QR	AC
Q1701	95KUAG0236AZ	J	SI4431ADY	AH
Q1702	95KUAG0236AZ	J	SI4431ADY	AH
Q1703	95KUAG0236AZ	J	SI4431ADY	AH
Q1704	95KUAG0236AZ	J	SI4431ADY	AH
Q1705	95KUAY0160AY	J	HAT2033R	AH
Q1719	95KUAY0158AZ	J	SI4894DY	AF

DIODES

Ref. No.	Part No.	★	Description	Code
D951	95KUBY0078AK	J	1SS400 TE-61	AB
D952	95KUBY0068AZ	J	D1FM3-4063	AD
D953	95KUBY0078AK	J	1SS400 TE-61	AB
D955	95KUBY0078AK	J	1SS400 TE-61	AB
D956	95KUBY0068AZ	J	D1FM3-4063	AD
D957	95KUBY0078AK	J	1SS400 TE-61	AB
D1701	95KUBY0078AK	J	1SS400 TE-61	AB
D1702	95KUBY0068AZ	J	D1FM3-4063	AD
D1703	95KUBY0078AK	J	1SS400 TE-61	AB
D1704	95KUBY0068AZ	J	D1FM3-4063	AD
D1705	95KUBY0078AK	J	1SS400 TE-61	AB
D1706	95KUBY0068AZ	J	D1FM3-4063	AD
D1707	95KUBY0078AK	J	1SS400 TE-61	AB
D1708	95KUBY0068AZ	J	D1FM3-4063	AD
D1709	95KUBY0078AK	J	1SS400 TE-61	AB
D1710	95KUBY0068AZ	J	D1FM3-4063	AD
D1711	95KUBY0104AY	J	D1FS6-4063	AD
D1712	95KUBY0078AK	J	1SS400 TE-61	AB
D1716	95KUBY0078AK	J	1SS400 TE-61	AB
D1717	95KUBY0068AZ	J	D1FM3-4063	AD
D1718	95KUBY0078AK	J	1SS400 TE-61	AB
D1719	95KUBY0078AK	J	1SS400 TE-61	AB
D1720	95KUBY0078AK	J	1SS400 TE-61	AB
D1721	95KUBY0078AK	J	1SS400 TE-61	AB
ZD951	95KUBXBF130A	J	Zener Diode, RD13SB2-T1	AB
ZD952	95KUBXAD8R2C	J	Zener Diode, RD8.2SB2-T1	AB
ZD1701	95KUBXBT2R4A	J	Zener Diode, RD2.4SB-T1	AB
ZD1702	95KUBXAD4R7C	J	Zener Diode, RD4.7SB2-T1	AD
ZD1703	95KUBXAD6R8C	J	Zener Diode, RD6.8SB2-T1	AB
ZD1704	95KUBXAD9R1C	J	Zener Diode, RD9.1SB2-T1	AB
ZD1705	95KUBXAD240A	J	Zener Diode, RD24SB-T1	AB
ZD1707	95KUBXBF130A	J	Zener Diode, RD13SB2-T1	AB
ZD1708	95KUBXAD240A	J	Zener Diode, RD24SB-T1	AB
ZD1709	95KUBXAD150A	J	Zener Diode, RD15SB-T1	AA

COILS

Ref. No.	Part No.	★	Description	Code
L951	95KUKY0015DY	J	Coil, SHP1055P-220A, 22µH	AF
L952	95KUKY0016AY	J	Coil, SHP1260P-180A, 18µH	AG
L1701	95KUKY0015AY	J	Coil, SHP1055P-3R3A, 3.3µH	AF
L1703	95KUKY0015BY	J	Coil, SHP1055P-330A, 33µH	AF
L1704	95KUKY0015AY	J	Coil, SHP1055P-3R3A,33µH	AF
L1705	95KUKY0015CY	J	Coil, SHP1055P-100A, 10µH	AF
L1706	95KUKY0015AY	J	Coil, SHP1055P-3R3A, 3.3µH	AF
L1707	95KUKY0015BY	J	Coil, SHP1055P-330A, 33µH	AF

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C951	95KUGXMVD220	J	22 25V	AH
C952	95KUGXGFD473	J	0.047 25V	AB
C953	95KUGXGCF102	J	1000p	AB
C954	95KUGXGCF103	J	0.01 50V	AB
C956	95KUGXGCF103	J	0.01 50V	AB
C957	95KUGXGCF102	J	1000p 50V	AB
C958	95KUGXGFD104	J	0.1 25V	AB
C959	95KUGXGCF103	J	0.01 50V	AB
C960	95KUGXHVB151	J	150 10V	AH
C961	95KUGXHVB151	J	150 10V	AH
C962	95KUGXGFD104	J	0.1 25V	AB
C963	95KUGXMVD220	J	22 25V	AH
C964	95KUGXGFD473	J	0.047 25V	AB
C965	95KUGXGCF102	J	1000p 50V	AB
C967	95KUGXGCF103	J	0.01 50V	AB
C968	95KUGXGCF102	J	1000p	AB
C969	95KUGXGFD104	J	0.1 25V	AB
C970	95KUGXMVC820	J	82 16V	AH
C971	95KUGXGFD104	J	0.1 25V	AB
C1701	95KUGXGFD104	J	0.1 25V	AB
C1702	95KUGXMUZ220	J	22 20V	AG
C1703	95KUGXMVZ561	J	560 2.5V	AH
C1704	95KUGXGFD104	J	0.1 25V	AB
C1705	95KUGXMUZ220	J	22 20V	AG
C1706	95KUGXHVB151	J	150 10V	AH
C1707	95KUGXGFD104	J	0.1 25V	AB
C1708	95KUGXMUZ220	J	22 20V	AG
C1709	95KUGXHVB151	J	150 10V	AH
C1710	95KUGXGFD104	J	0.1 25V	AB
C1711	95KUGXMUZ220	J	22 20V	AG
C1712	95KUGXMUC390	J	39 16V	AG
C1714	95KUGXMUZ220	J	22 20V	AG
C1715	95KUGDF100FN	J	10 50V	AD
C1716	95KUGXGFD333	J	0.033 25V	AB
C1717	95KUGXGCF472	J	4700p 50V	AB
C1719	95KUGXGCF223	J	0.022 50V	AB
C1720	95KUGXGCF472	J	4700p 50V	AB
C1722	95KUGXGCF472	J	4700p 50V	AB
C1724	95KUGXGCF223	J	0.022 50V	AB
C1725	95KUGXGCF221	J	220P 50V	AB
C1726	95KUGXAEB225	J	2.2 10V	AC
C1727	95KUGDE4R7FP	J	4.7 35V	AC
C1728	95KUGDE4R7FP	J	4.7 35V	AC
C1729	95KUGDE4R7FP	J	4.7 35V	AC
C1730	95KUGDB100FP	J	10 16V	AC
C1732	95KUGXGCF222	J	2200P 50V	AB
C1733	95KUGXGCF223	J	0.022 50V	AB
C1735	95KUGXGCF472	J	4700p 50V	AB
C1736	95KUGXGCF223	J	0.022 50V	AB
C1737	95KUGXMUZ220	J	22 20V	AG
C1738	95KUGXHEB105	J	1 10V	AB
C1739	95KUGXHEB105	J	1 10V	AB
C1740	95KUGXGFD333	J	0.033 25V	AB
C1741	95KUGXMVC820	J	82 16V	AH
C1742	95KUGXMTD474	J	0.47 25V	AB
C1744	95KUGXHEB224	J	0.22 10V	AB
C1745	95KUGXMTD474	J	0.47 25V	AB
C1754	95KUGXMVZ470	J	47 20V	AH
C1755	95KUGXAED104	J	0.1 25V	AB
C1758	95KUGDE4R7FP	J	4.7 35V	AC

RESISTORS

Ref. No.	Part No.	★	Description	Code
R948	95KUEXBAW104	J	100k 1/16W	AB
R949	95KUEXBAW105	J	1M 1/16W	AB
R950	95KUEXBAW330	J	33 1/16W	
R951	95KUEXBAW183	J	18k 1/16W	AB
R952	95KUEYCS1201	J	1.2k 1/16W	AB
R953	95KUEYCS1001	J	1k 1/16W	AB
R954	95KUEYCQR680	J	0.68 1//2W	AB
R955	95KUEYCN1001	J	1k 1/16W	AB
R956	95KUEYCN3300	J	330 1/16W	AB
R957	95KUEYCQR160	J	0.16 1//2W	AB
R958	95KUEYCQR160	J	0.16 1//2W	AB
R959	95KUEYCN1001	J	1k 1/16W	AB
R960	95KUEYCN3300	J	330 1/16W	AB
R961	95KUEYCN2201	J	2.2k 1/16W	AB
R962	95KUEYCN2201	J	2.2k 1/16W	AB
R963	95KUEYCN1001	J	1k 1/16W	AB

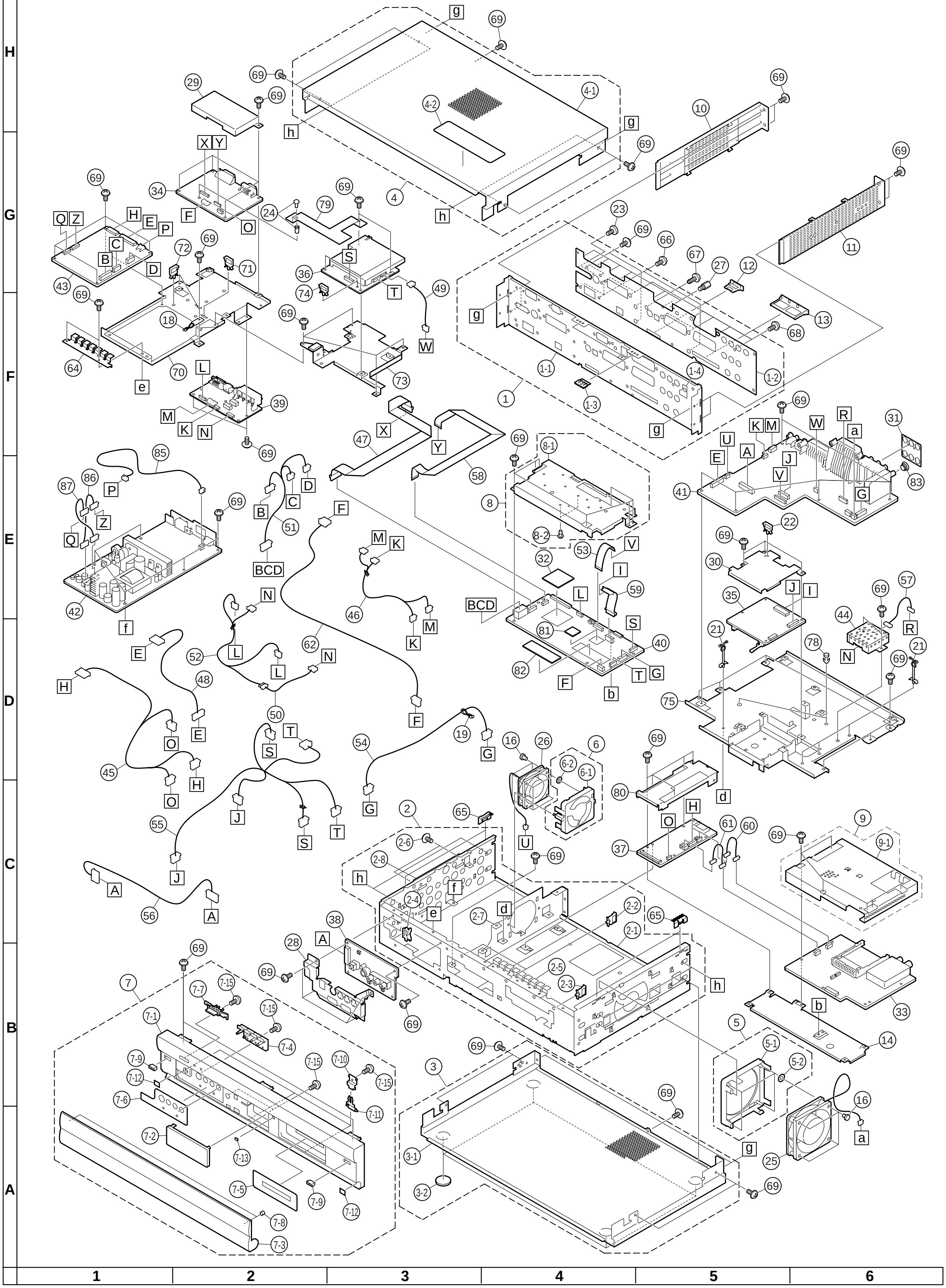
RDENCA084WJZZ
DC-DC CONVERTER UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
R964	95KUEXBAW682	J	6.8k 1/16W	AB
R965	95KUEXBAW101	J	100 1/16W	AB
R966	95KUEXBAW103	J	10k 1/16W	AB
R967	95KUEXBAW103	J	10k 1/16W	AB
R969	95KUEXBAW330	J	33 1/16W	
R969	95KUEXBAY330	J	33	
R970	95KUEXBAW104	J	100k 1/16W	AB
R971	95KUEXBAW105	J	1M 1/16W	AB
R972	95KUEXBAW103	J	10k 1/16W	AB
R973	95KUEXBAW101	J	100 1/16W	AB
R974	95KUEXBAW103	J	10k 1/16W	AB
R975	95KUEXBAW103	J	10k 1/16W	AB
R977	95KUEXBAX000	J	0 1/16W	AB
R981	95KUEXBAX000	J	0 1/16W	AB
R982	95KUEXBAX000	J	0 1/16W	AB
R983	95KUEYCS1201	J	1.2k 1/16W	AB
R984	95KUEYCS1001	J	1k 1/16W	AB
R985	95KUEYCN3401	J	3.4k 1/16W	AB
R986	95KUEYCN3401	J	3.4k 1/16W	AB
R987	95KUEYCN2201	J	2.2k 1/16W	AB
R988	95KUEYCQR680	J	0.68 1//2W	AB
R989	95KUEXBAW101	J	100 1/16W	AB
R991	95KUEXBAW103	J	10k 1/16W	AB
R993	95KUEXBAW103	J	10k 1/16W	AB
R1701	95KUEXCBU000	J	0 1/8W	AB
R1702	95KUEXCBU000	J	0 1/8W	AB
R1703	95KUEYCN2000	J	200 1/16W	AB
R1704	95KUEYCN1000	J	100 1/16W	AB
R1705	95KUEYCN1501	J	1.5k 1/16W	AB
R1706	95KUEXBAW101	J	100 1/16W	AB
R1707	95KUEXCBU000	J	0 1/8W	AB
R1708	95KUEYCN1741	J	1.74k1/16W	AB
R1709	95KUEYCN1000	J	100 1/16W	AB
R1710	95KUEYCN1501	J	1.5k 1/16W	AB
R1711	95KUEXBAW101	J	100 1/16W	AB
R1712	95KUEXCBU000	J	0 1/8W	AB
R1713	95KUEYCN2401	J	2.4k 1/16W	
R1714	95KUEYCN1000	J	100 1/16W	AB
R1715	95KUEYCN1501	J	1.5k 1/16W	AB
R1716	95KUEXBAW101	J	100 1/16W	AB
R1717	95KUEXCBU000	J	0 1/8W	AB
R1718	95KUEYCN7501	J	7.5k 1/16W	AB
R1719	95KUEYCN1000	J	100 1/16W	AB
R1720	95KUEYCN1501	J	1.5k 1/16W	AB
R1721	95KUEXBAW101	J	100 1/16W	AB
R1722	95KUEXCBR101	J	100 1/8W	AB
R1723	95KUEYCN3302	J	33k 1/16W	AB
R1724	95KUEYCN1000	J	100 1/16W	AB
R1725	95KUEYCN1501	J	1.5k 1/16W	AB
R1726	95KUEXBAW101	J	100 1/16W	AB
R1727	95KUEYCS2201	J	2.2k 1/16W	AB
R1728	95KUEYCS6201	J	6.2k 1/16W	
R1729	95KUEXBAW103	J	10k 1/16W	AB
R1730	95KUEXBAW104	J	100k 1/16W	AB
R1731	95KUEXBAW223	J	2.2k 1/16W	AB
R1732	95KUEXBAW103	J	10k 1/16W	AB
R1733	95KUEXBAW472	J	4.7k 1/16W	AB
R1734	95KUEXBAW333	J	33k 1/16W	AB
R1735	95KUEXBAW103	J	10k 1/16W	AB
R1736	95KUEXBAW472	J	4.7k 1/16W	AB
R1737	95KUEXBAW472	J	4.7k 1/16W	AB
R1738	95KUEXBAW243	J	24k 1/16W	AB
R1739	95KUEXBAW223	J	2.2k 1/16W	AB
R1740	95KUEXBAW103	J	10k 1/16W	AB
R1741	95KUEXBAW472	J	4.7k 1/16W	AB
R1742	95KUEXBAW103	J	10k 1/16W	AB
R1743	95KUEXBAW223	J	2.2k 1/16W	AB
R1744	95KUEXBAW682	J	6.8k 1/16W	AB
R1745	95KUEXBAW103	J	10k 1/16W	AB
R1746	95KUEYCN1692	J	16.9k1/16W	AB
R1747	95KUEXBAW332	J	3.3k 1/16W	AB
R1750	95KUEXBAW332	J	3.3k 1/16W	AB
R1751	95KUEXBAW332	J	3.3k 1/16W	AB
R1752	95KUEXBAW332	J	3.3k 1/16W	AB
R1753	95KUEXBAW222	J	2.2k 1/16W	AB
R1756	95KUEXBAW104	J	100k 1/16W	AB
R1757	95KUEXBAW104	J	100k 1/16W	AB
R1758	95KUEXBAW104	J	100k 1/16W	AB
R1760	95KUEXBAW104	J	100k 1/16W	AB
R1764	95KUEXBAW103	J	10k 1/16W	AB
R1765	95KUEYCS2201	J	2.2k 1/16W	AB
R1766	95KUEYCS6201	J	6.2k 1/16W	
R1770	95KUEXCBU000	J	0 1/8W	AB
R1771	95KUEXCBU000	J	0 1/8W	AB
R1772	95KUEYCV47L0	J	0.047 1/8W	AB
R1773	95KUEXBAW103	J	10k 1/16W	AB
R1774	95KUEXBAW104	J	100k 1/16W	AB
R1775	95KUEXBAW105	J	1M 1/16W	AB
R1776	95KUEXBAW103	J	10k 1/16W	AB
R1793	95KUEXBAW101	J	100 1/16W	AB
R1798	95KUEXCBU000	J	0 1/8W	AB

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
P1701	95KPCZ0384ZZ	J	Connector, B12B-PASK-1(LF)(PF)12pin	
P1702	95KPCZ0382ZZ	J	Connector, B07B-PASK-1(LF)(PG)7pin	AE
P1703	95KPCZ0386ZZ	J	Connector, B06B-PASK-1(LF)(PB)6pin	
P1751	95KPCZ0385ZZ	J	Connector, S03B-PASK-2(LF)(PK)3pin	
P1752	95KPCZ0375ZZ	J	Connector, SM12B-PASS-TBT(LF),(PA)12pin	AK
P1781	95KPCZ0376ZZ	J	Connector, SM09B-PASS-TBT(LF),(DP)9pin	AH
P1790	95KPCZ0381ZZ	J	Connector, B08B-PASK-1(LF)(PI)8pin	AE
P1791	95KPCZ0382ZZ	J	Connector, B07B-PASK-1(LF)(PJ)7pin	AE

CABINET AND MECHANICAL PARTS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CABINET AND MECHANICAL PARTS

Ref. No.	Part No.	★	Description	Code
1	CANGTA130WJ06	J	Rear Panel Ass'y (TU-32GD1E)	AU
1	CANGTA130WJ07	J	Rear Panel Ass'y (TU-37GD1E)	AU
1-1	*Not Available*	–	Rear Panel	—
1-2	HINDPA842WJSA	J	Indication Label (TU-32GD1E)	AL
1-2	HINDPA948WJSA	J	Indication Label (TU-37GD1E)	AL
1-3	QEARZA020WJFW	J	Earth Spring, x2	AC
1-4	PFLT-A042WJZZ	J	Earth Sheet	
2	CCABAA469WJ03	J	Chassis Frame Ass'y	BB
2-1	*Not Available*	–	Chassis Frame	—
2-2	LHLDW1121GEZZ	J	Wire Holder, x2	AB
2-3	LHLDWA023WJKZ	J	Wire Holder, x1	AC
2-4	LHLDWA032WJZZ	J	Wire Holder, x1	AD
2-5	QEARBA010WJFW	J	Earth Spring, x1	AG
2-6	XJPSN30P08XS0	J	Screw, x2	AA
2-7	LANGTA106WJFW	J	Fixing Metal	AL
2-8	LANGTA107WJSA	J	Fixing Metal	AK
3	CCABBA334WJ07	J	Bottom Cabinet Ass'y	AY
3-1	*Not Available*	–	Bottom Cabinet	—
3-2	GLEGGA034WJZZ	J	Rubber Leg, x4	AD
4	CCABBA389WJ01	J	Top Cabinet Ass'y	AX
4-1	*Not Available*	–	Top Cabinet	—
4-2	TCAUHA049WJSB	J	Caution Label	AD
5	CHLDZA240WJ01	J	Fan Holder Ass'y	AH
5-1	*Not Available*	–	Fan Holder	—
5-2	PSPAGA133WJZZ	J	Spacer, x4	AB
6	CHLDZA306WJ01	J	Fan Holder Ass'y	AH
6-1	*Not Available*	–	Fan Holder	—
6-2	PSPAGA133WJZZ	J	Spacer, x4	AB
7	CPNLCA143WJ01	J	Front Panel Ass'y	BG
7-1	*Not Available*	–	Front Panel	—
7-2	GCOVAA638WJSA	J	B-CAS Card Cover	AK
7-3	GDORFA092WJSA	J	Door	AY
7-4	HDECQA333WJSA	J	LED Decoration Cover	AF
7-5	HiNDPA758WJSA	J	PC CARD Indication Label	AE
7-6	HiNDPA839WJSA	J	Terminal Indication Label	AF
7-7	JBTN-A252WJKA	J	Power Button	AH
7-8	LANGTA121WJFW	J	Hinge Angle, x2	AC
7-9	LHLDZ3057GEZZ	J	Magnet Catch, x2	AE
7-10	LHLDZA323WJSA	J	Hinge Fixed Holder, x3	AL
7-11	MHNG-1072CEZZ	J	Hinge, x3	AH
7-12	PSPAGA191WJZZ	J	Spacer, x2	AB
7-13	PSPAZ0457CESA	J	Spacer, x1	AA
7-15	XEBSN30P08000	J	Screw, x6	AA
8	CSLDMA378WJ01	J	Radiating Shield Ass'y	AT
8-1	*Not Available*	–	Radiating Shield	—
8-2	PSPANA008WJZZ	J	Spacer, x2	AC
9	CSLDMA388WJ01	J	DVB-T Shield Ass'y	AN
9-1	*Not Available*	–	DVB-T Shield	—
10	GCOVAA624WJKA	J	Side Shield(L)	AN
11	GCOVAA625WJKA	J	Side Shield(R)	AN
12	GCOVAA678WJKA	J	SD Cover	AE
13	GCOVHA042WJKA	J	Card Cover	AE
14	LANGTA133WJFW	J	MAIN PWB Angle	AH
16	LBSHZA003WJZZ	J	Fan Bush, x8	AD
17	LHLDW1009CEZZ	J	Wire Holder, x1	AA
18	LHLDW1046CEZZ	J	Wire Holder, x1	AA
19	LHLDW1060CEZZ	J	Wire Holder, x1	AB
21	LHLDW1142CEZZ	J	AV Wire Holder, x4	AB
22	LHLDWA038WJZZ	J	Wire Holder, x1	AC
23	LX-BZ3434CEFN	J	Screw, x2	AB
24	LX-LZ1014GE00	J	Push Revit	AA
25	NFANR0120CEZZ	J	Cooling Fan(S)	AU
26	NFANR0126CEZZ	J	Cooling Fan(L)	AT
27	NSFTZ0134CEFW	J	Shaft Screw, x6	AD
28	PSLDMA303WJFW	J	Front Shield	AL
29	PSLDMA324WJFW	J	TMDS Shield	AG
30	PSLDMA342WJFW	J	PC Card Shield	AF
31	PSLDM4715CEFW	J	RCA Shield	AD
32	PSPAZA399WJKA	J	Spacer, x1	AS
33	DUNTKC482FE01	–	DVB-T Unit	—
34	DUNTKC526DE01	–	TMDS Unit (LC-32GD1E)	—
34	DUNTKC526DE02	–	TMDS Unit (LC-32GD1K)	—
34	DUNTKC526DE03	–	TMDS Unit (LC-32GD1F)	—
34	DUNTKC526DE04	–	TMDS Unit (LC-32GD1I)	—
34	DUNTKC526DE05	–	TMDS Unit (LC-37GD1E)	—
34	DUNTKC526DE06	–	TMDS Unit (LC-37GD1K)	—
34	DUNTKC526DE07	–	TMDS Unit (LC-37GD1F)	—
34	DUNTKC526DE08	–	TMDS Unit (LC-37GD1I)	—
35	DUNTKC544FE01	–	PC CARD Unit	—
36	DUNTKC267FE14	–	DVI Unit	—
37	DUNTKC427FE11	–	CPU Unit (TU-32GD1E)	—
37	DUNTKC427FE14	–	CPU Unit (TU-37GD1E)	—
38	DUNTKC483DE01	–	FRONT Unit	—
39	DUNTKC484DE01	–	AUDIO-I/F Unit	—
40	DUNTKC481FE01	–	MAIN Unit (LC-32GD1E)	—
40	DUNTKC481FE02	–	MAIN Unit (LC-32GD1K)	—
40	DUNTKC481FE03	–	MAIN Unit (LC-32GD1F)	—
40	DUNTKC481FE04	–	MAIN Unit (LC-32GD1I)	—
40	DUNTKC481FE05	–	MAIN Unit (LC-37GD1E)	—
40	DUNTKC481FE06	–	MAIN Unit (LC-37GD1K)	—
40	DUNTKC481FE07	–	MAIN Unit (LC-37GD1F)	—
40	DUNTKC481FE08	–	MAIN Unit (LC-37GD1I)	—
41	DUNTKC480DE01	–	AV Unit (LC-32GD1E)	—
41	DUNTKC480DE02	–	AV Unit (LC-32GD1E)	—
41	DUNTKC480DE03	–	AV Unit (LC-32GD1F)	—
41	DUNTKC480DE04	–	AV Unit (LC-32GD1I)	—
41	DUNTKC480DE05	–	AV Unit (LC-37GD1E)	—
41	DUNTKC480DE06	–	AV Unit (LC-37GD1K)	—
41	DUNTKC480DE07	–	AV Unit (LC-37GD1F)	—
41	DUNTKC480DE08	–	AV Unit (LC-37GD1I)	—
42	RDENCA076WJZZ	–	POWER Unit	—
43	RDENCA084WJZZ	–	DC/DC CONVERTER Unit	—
44	B2SX4102BT	J	1BIT AMP. Unit	BL
45	QCNW-C280WJQZ	J	Connecting Cord, (DP, DU)	AQ
46	QCNW-C282WJQZ	J	Connecting Cord, (PE-PB, PF, PG)	AR
47	QPWBHC571WJQZ	J	FPC, MAIN-TMDS (LV)	
48	QCNW-C026WJQZ	J	Connecting Cord, (PA)	AH
49	QCNW-C294WJPZ	J	Connecting Cord, (AD)	AH
50	QCNW-C286WJQZ	J	Connecting Cord, (SC)	AK
51	QCNW-C287WJQZ	J	Connecting Cord, (SF, SJ)	AQ
52	QCNW-C289WJQZ	J	Connecting Cord, (SH, SC)	AU
53	QCNW-C291WJQZ	J	Connecting Cord, (FC)	AD
54	QCNW-C292WJPZ	J	Connecting Cord, (MA)	AY
55	QCNW-C293WJPZ	J	Connecting Cord, (MD, ME)	AU
56	QCNW-C295WJPZ	J	Connecting Cord, (AF)	AW
57	QCNW-C034WJQZ	J	Connecting Cord, (SA)	AG
58	QCNW-C285WJQZ	J	Connecting Cord, (LP)	AC
59	QPWBHC572WJQZ	J	FPC, MAIN-CARD (FP)	AN
60	QCNW-C299WJQZ	J	Connecting Cord, (CB)	AG
61	QCNW-C300WJQZ	J	Connecting Cord, (CA)	AH
62	QCNW-C302WJQZ	J	Connecting Cord, (TA)	AL
63	*Not Available*	–	Serial No. Label	—
64	QEARBA009WJFW	J	Earth Spring, x1	AG
65	QEARZ0056CEFW	J	Earth Spring, x4	AC
66	XBPSN30P06000	J	Screw, x4	AA
67	XEBSN26P06000	J	Screw, x1	AA
68	XEBSN30P08000	J	Screw, x7	AA
69	XJPSN30P08XS0	J	Screw, x57	AA
70	LANGTA110WJFW	J	TMDS PWB Angle	AP
71	LHLDWA023WJKZ	J	Wire Holder, x1	AC
72	LHLDW1121GEZZ	J	Wire Holder, x1	AB
73	LANGTA116WJN1	J	DVI PWB Angle	AN
74	LHLDWA035WJZZ	J	Wire Holder, x1	AC

CABINET AND MECHANICAL PARTS (Continued)

Ref. No.	Part No.	★	Description	Code
75	LANGTA131WJN2	J	AV PWB Angle	AT
76	LHLDFA021WJZZ	J	Wire Holder, x1	AC
77	LHLDW1090GEZZ	J	Wire Holder, x2	AB
78	PSPANA004WJZZ	J	PWB Spacer, x2	AC
79	PCOVPA023WJZZ	J	HOGO Cover	AK
80	PSLDMA389WJFW	J	CPU Shield	AM
81	PSPAZA398WJKA	J	Spacer	AK
82	PSPAZA493WJKZ	J	Spacer	AQ
83	QEARZ0057CEFW	J	Tuner Earth Spring	AB
84	XJPS930P08XS0	J	Screw, x16	AA
85	95KMC306-7505	J	Connecting Cord, 3Pin(CN904)	
86	95KMC306-7506	J	Connecting Cord, 7Pin(CN902)	
87	95KMC306-7507	J	Connecting Cord, 8Pin(CN901)	

SUPPLIED ACCESSORIES

Ref. No.	Part No.	★	Description	Code
⚠	QACCKA007WJPZ	J	AC Cord (TU-32/37GD1E/F/I)	AK
⚠	QACCBA021WJPZ	J	AC Cord (TU-32/37GD1K)	AS
	QCNW-B856WJZZ	J	System Cable	BE
	RRMCGA258WJSA	J	Infrared Remote Control Unit	BA
	TiNS-B201WJZZ	J	Operation Manual	AZ
	TiNS-B202WJZZ	J	Operation Manual	AY
	GDAi-A104WJSA	J	Stand (for AVC System)	AX
	GLEGGA013WJZZ	J	Stand Cushion, x4	AC
	PSPAHA314WJZZ	J	Stand Spacer, x4	AC
	XBPSN50P16JS0	J	Stand Screw, x2	AB

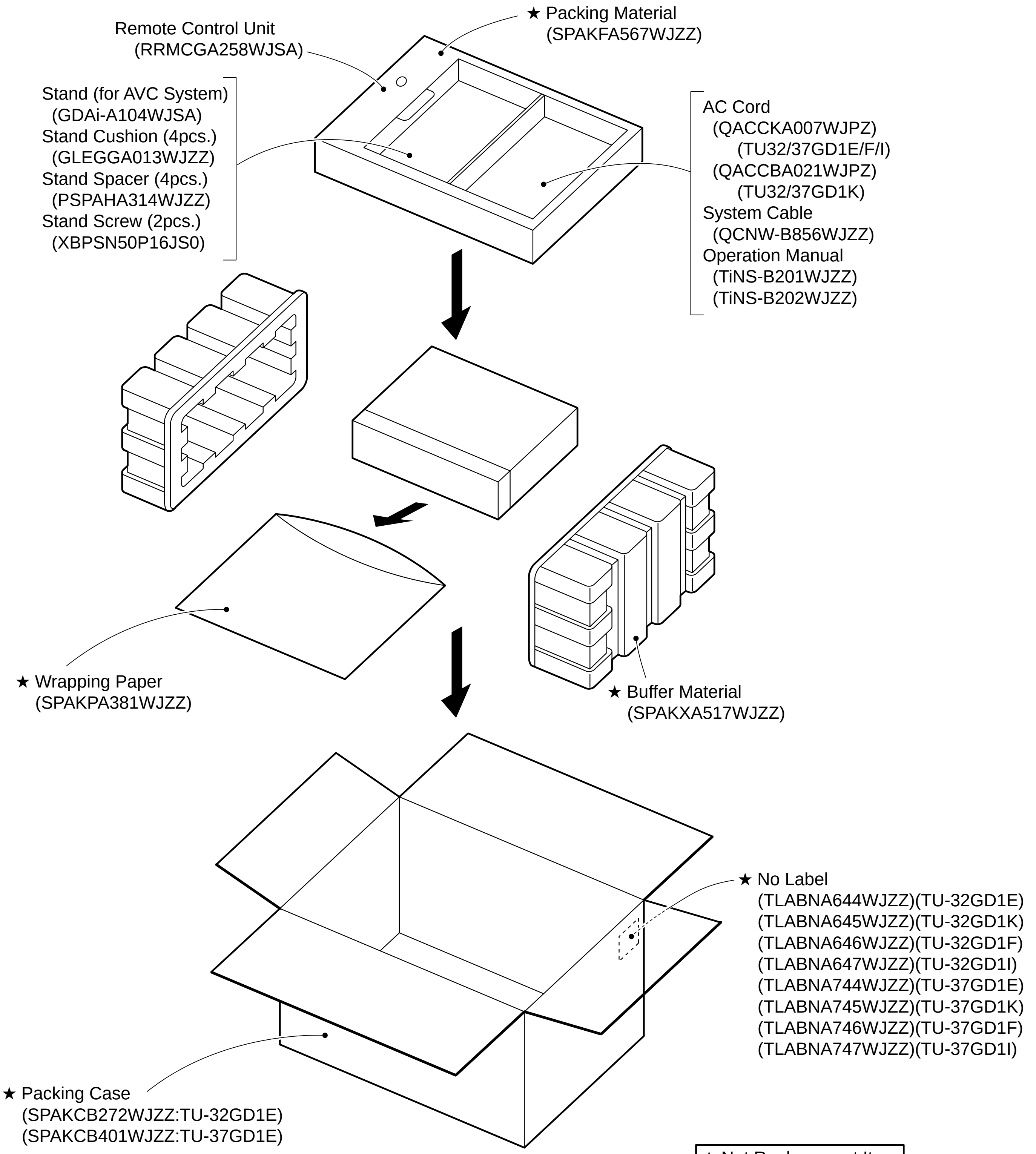
PACKING PARTS
(NOT REPLACEMENT ITEM)

Ref. No.	Part No.	★	Description	Code
	SPAKCB272WJZZ	–	Packing Case (TU-32GD1E)	—
	SPAKCB401WJZZ	–	Packing Case (TU-37GD1E)	—
	SPAKFA567WJZZ	–	Packing Material	—
	SPAKPA381WJZZ	–	Wrapping Paper	—
	SPAKPA321WJZZ	–	Wrapping Paper	—
	SPAKXA517WJZZ	–	Buffer Material	—
	SSAKA0170CEZZ	–	Polyethylene Bag	—
	TLABNA644WJZZ	–	No Label (TU-32GD1E)	—
	TLABNA645WJZZ	–	No Label (TU-32GD1K)	—
	TLABNA646WJZZ	–	No Label (TU-32GD1F)	—
	TLABNA647WJZZ	–	No Label (TU-32GD1I)	—
	TLABNA744WJZZ	–	No Label (TU-37GD1E)	—
	TLABNA745WJZZ	–	No Label (TU-37GD1K)	—
	TLABNA746WJZZ	–	No Label (TU-37GD1F)	—
	TLABNA747WJZZ	–	No Label (TU-37GD1I)	—

SERVICE JIGS
(Use For Servicing)

Ref. No.	Part No.	★	Description	Code
	QCNW-C328WJQZ	J	7pins, L=1000mm, AV Unit to Audio I/F Unit [SJ]	AY
	QCNW-C330WJQZ	J	8pins, L=1000mm, Power Unit to DC-DC Converter Unit [PI]	AW
	QCNW-C331WJQZ	J	7pins, L=1000mm, Power Unit to DC-DC Converter Unit [PJ]	AW
	QCNW-C332WJQZ	J	12pins, L=1000mm, AV Unit to DC-DC Converter Unit [PA]	AY
	QCNW-C333WJQZ	J	14pins, L=1000mm, Main Unit to Audio I/F Unit [SH]	BA
	QCNW-C493WJQZ	J	45pins, FFC L=600mm, Main Unit to AV Unit [FC]	AM
	QCNW-C529WJQZ	J	5pins, L=1000mm, AV Unit to TMDS Unit [SF]	AU
	QCNW-C794WJQZ	J	4pins, L=1000mm, DVI Unit to AV Unit [AD]	
	QCNW-C793WJQZ	J	12pins, L=1000mm, PC Card Unit to AV Unit [PC]	AS
	QPWBHC571WJQZ	J	32pins, FPC L=370mm, PC Card Unit to Main Unit [FP]	AX

PACKING OF THE SET


★ Packing Material
(SPAKFA567WJZZ)
Remote Control Unit
(RRMCGA258WJSA)
Stand (for AVC System)
(GDAi-A104WJSA)
Stand Cushion (4pcs.)
(GLEGGA013WJZZ)
Stand Spacer (4pcs.)
(PSPAHA314WJZZ)
Stand Screw (2pcs.)
(XBPSN50P16JS0)
AC Cord
(QACCKA007WJPZ)
(TU32/37GD1E/F/I)
(QACCBA021WJPZ)
(TU32/37GD1K)
System Cable
(QCNW-B856WJZZ)
Operation Manual
(TiNS-B201WJZZ)
(TiNS-B202WJZZ)
★ Wrapping Paper
(SPAKPA381WJZZ)
★ Buffer Material
(SPAKXA517WJZZ)
★ No Label
(TLABNA644WJZZ)(TU-32GD1E)
(TLABNA645WJZZ)(TU-32GD1K)
(TLABNA646WJZZ)(TU-32GD1F)
(TLABNA647WJZZ)(TU-32GD1I)
(TLABNA744WJZZ)(TU-37GD1E)
(TLABNA745WJZZ)(TU-37GD1K)
(TLABNA746WJZZ)(TU-37GD1F)
(TLABNA747WJZZ)(TU-37GD1I)
★ Packing Case
(SPAKCB272WJZZ:TU-32GD1E)
(SPAKCB401WJZZ:TU-37GD1E)

★ Not Replacement Item

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